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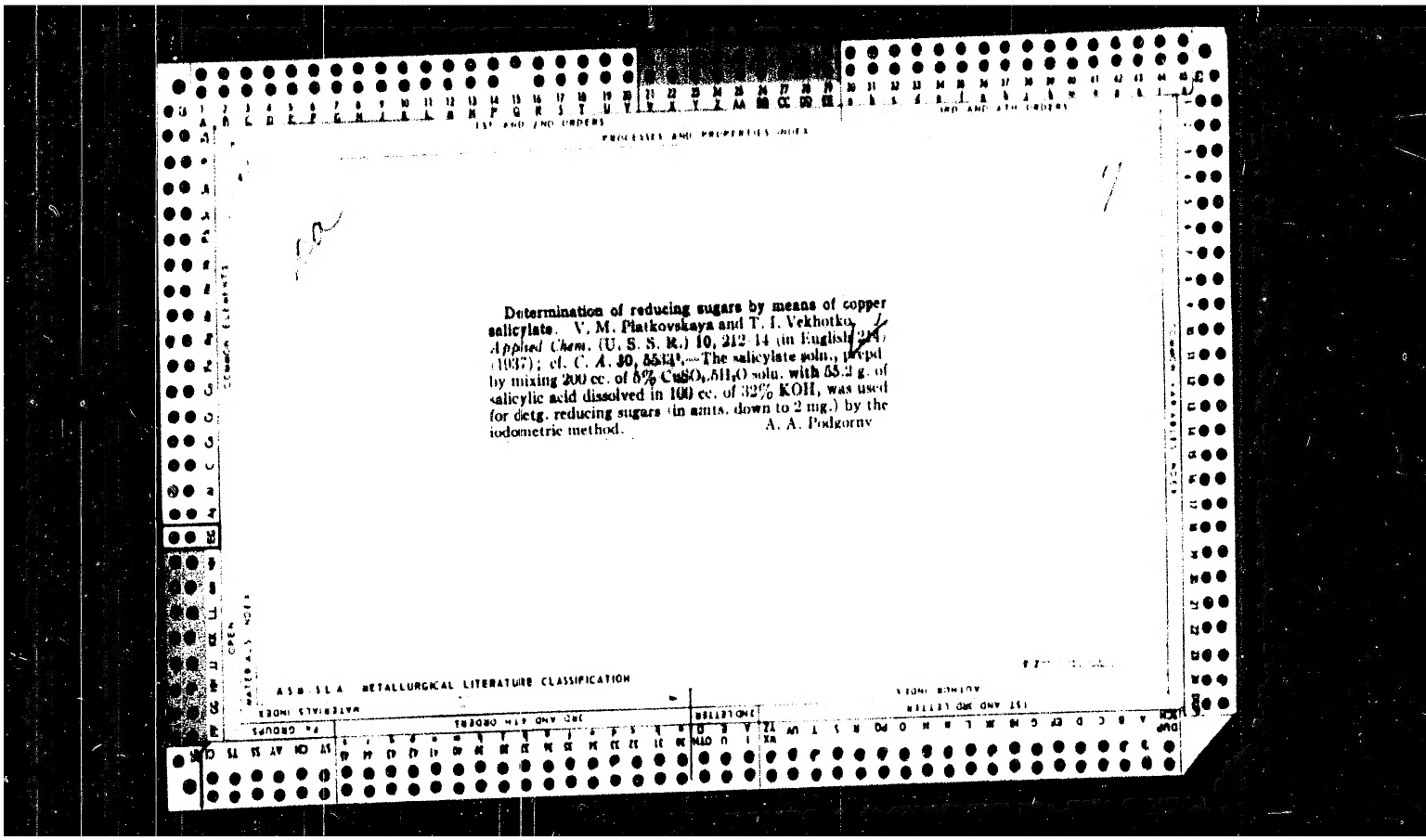

Determination of reducing sugars by means of copper salicylate. V. M. Platkovskaya and T. I. Vekhotko. *Applied Chem.* (U. S. S. R.) **10**, 212-14 (in English 214) (1937); cf. *C. A.* **30**, 5534[9].—The salicylate soln., prepd by mixing 200 cc. of 5% $CuSO_4.5H_2O$ soln. with 55.2 g. of salicylic acid dissolved in 100 cc. of 32% KOH, was used for detg. reducing sugars (in amts. down to 2 mg.) by the iodometric method. A. A. Podgorny

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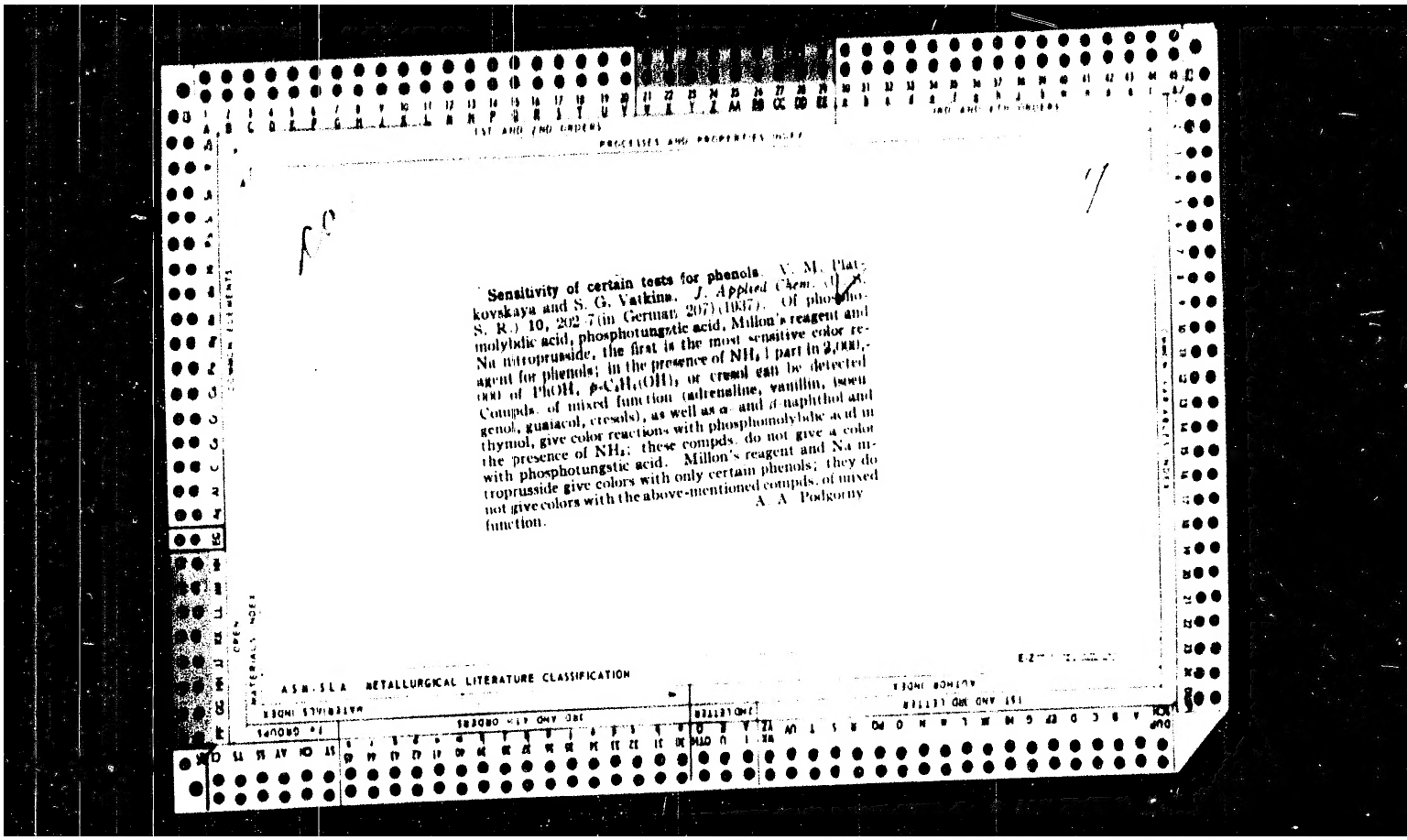

Sensitivity of certain tests for phenols. V. M. Platkovskaya and S. G. Vatkina. *J. Applied Chem.* (U.S.S.R.) 10, 202-7 (in German 207) (1937). Of phosphomolybdic acid, phosphotungstic acid, Millon's reagent and Na nitroprusside, the first is the most sensitive color reagent for phenols; in the presence of NH_3 1 part in 2,000,000 of PhOH, p-$C_6H_4(OH)_2$, or cresol can be detected. Compds. of mixed function (adrenaline, vanillin, isoeugenol, guaiacol, cresols), as well as α- and β-naphthol and thymol, give color reactions with phosphomolybdic acid in the presence of NH_3; these compds. do not give a color with phosphotungstic acid. Millon's reagent and Na nitroprusside give colors with only certain phenols; they do not give colors with the above-mentioned compds. of mixed function.

A. A. Podkorny

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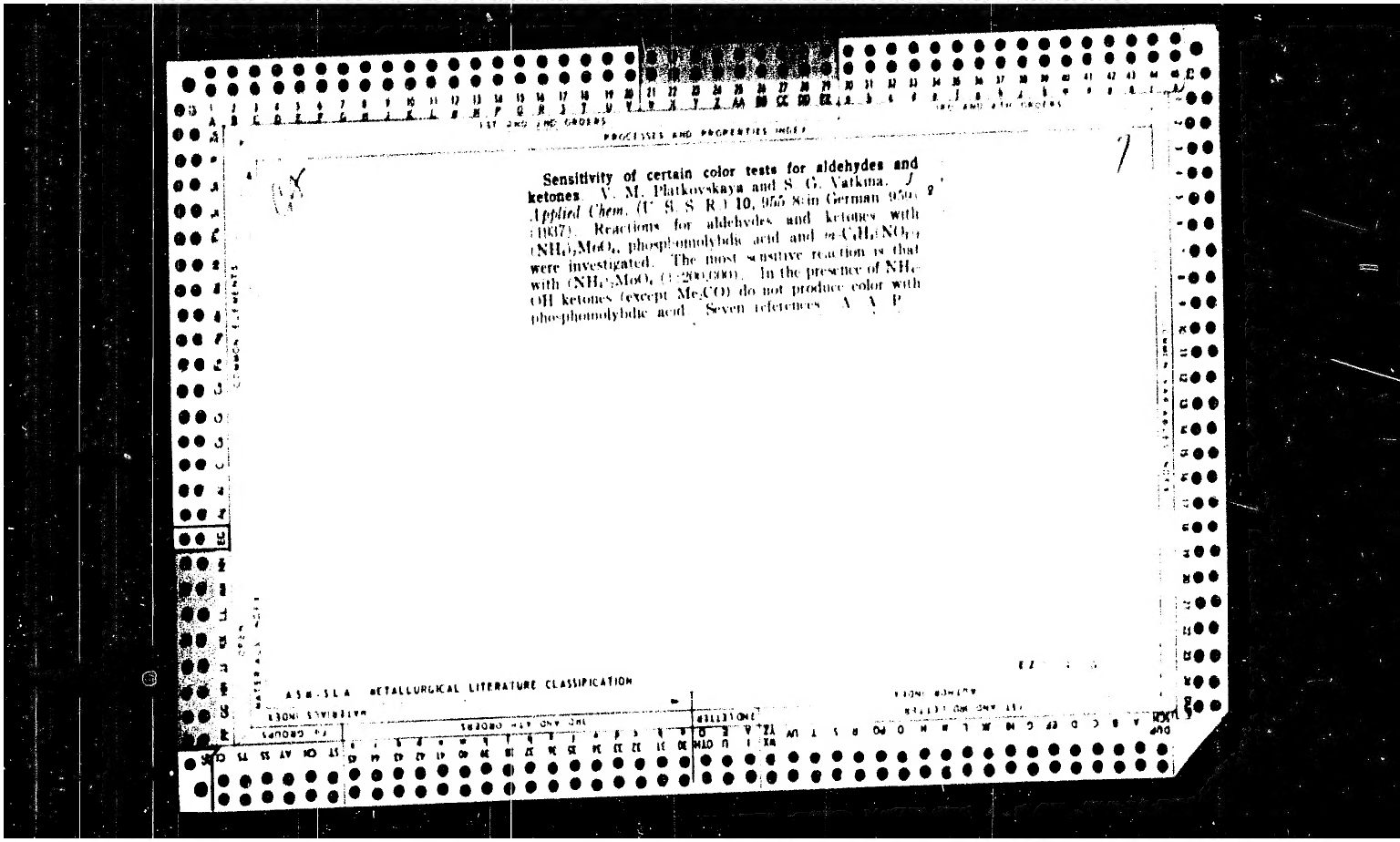

Sensitivity of certain color tests for aldehydes and ketones. V. M. Platkovskaya and S. G. Vatkina. *J. Applied Chem. (U. S. S. R.)* 10, 955-8 (in German 958) (1937). Reactions for aldehydes and ketones with $(NH_4)_2MoO_4$, phosphomolybdic acid and o-$C_6H_4(NO_2)_2$ were investigated. The most sensitive reaction is that with $(NH_4)_2MoO_4$ (1:200,000). In the presence of NH_4Cl OH ketones (except Me_2CO) do not produce color with phosphomolybdic acid. Seven references. A. A. P.

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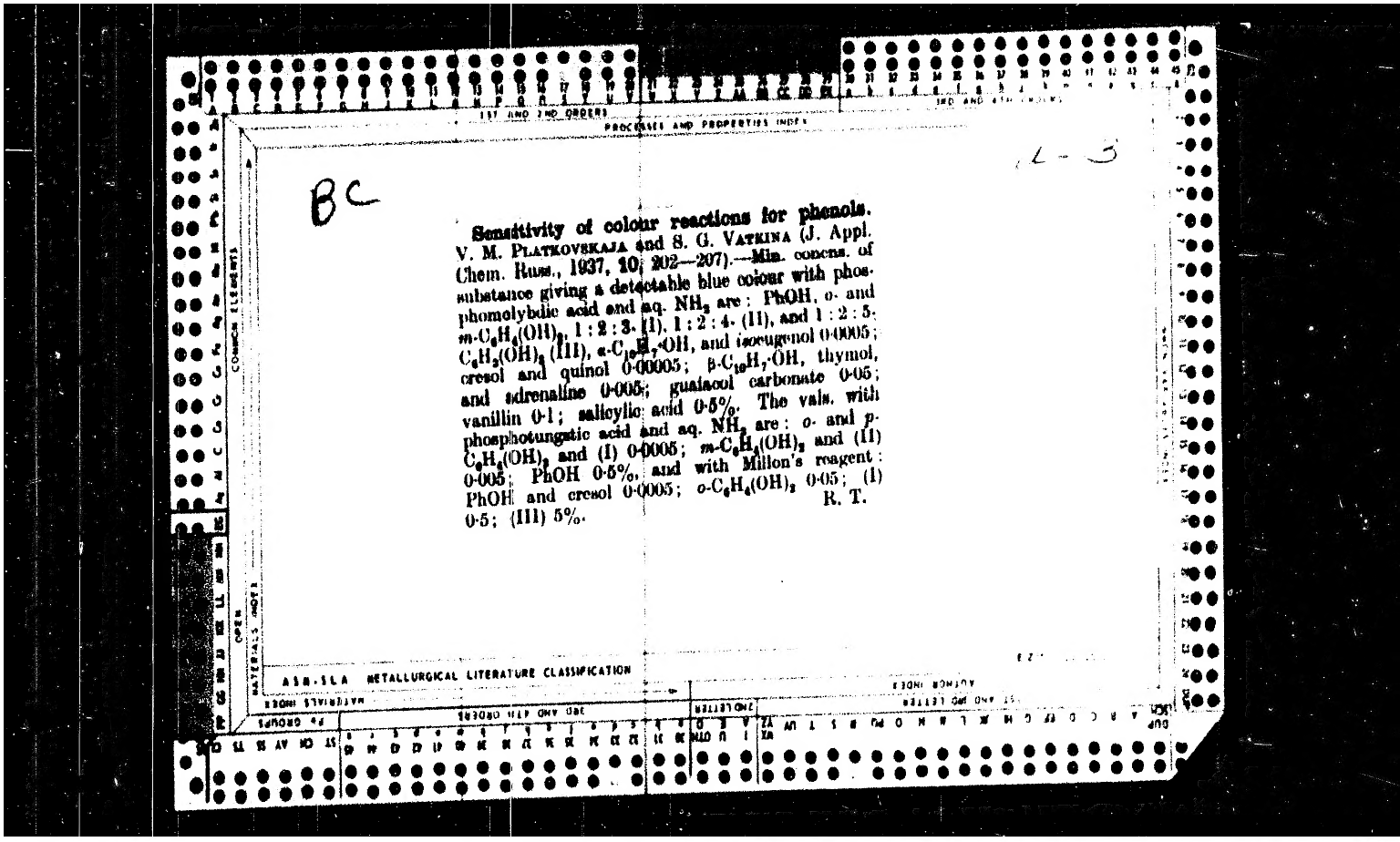

BC

4-3

Sensitivity of colour reactions for phenols. V. M. PLATKOVSKAJA and S. G. VATKINA (J. Appl. Chem. Russ., 1937, **10**, 202—207).—Min. concns. of substance giving a detectable blue colour with phosphomolybdic acid and aq. NH_3 are: PhOH, *o*- and *m*-$C_6H_4(OH)_2$, 1 : 2 : 3- (I), 1 : 2 : 4- (II), and 1 : 2 : 5-$C_6H_3(OH)_3$ (III), α-$C_{10}H_7$·OH, and isoeugenol 0·0005; cresol and quinol 0·00005; β-$C_{10}H_7$·OH, thymol, and adrenaline 0·005; guaiacol carbonate 0·05; vanillin 0·1; salicylic acid 0·5%. The vals. with phosphotungstic acid and aq. NH_3 are: *o*- and *p*-$C_6H_4(OH)_2$ and (I) 0·0005; *m*-$C_6H_4(OH)_2$ and (II) 0·005; PhOH 0·5%, and with Millon's reagent: PhOH and cresol 0·0005; *o*-$C_6H_4(OH)_2$ 0·05; (I) 0·5; (III) 5%.

R. T.

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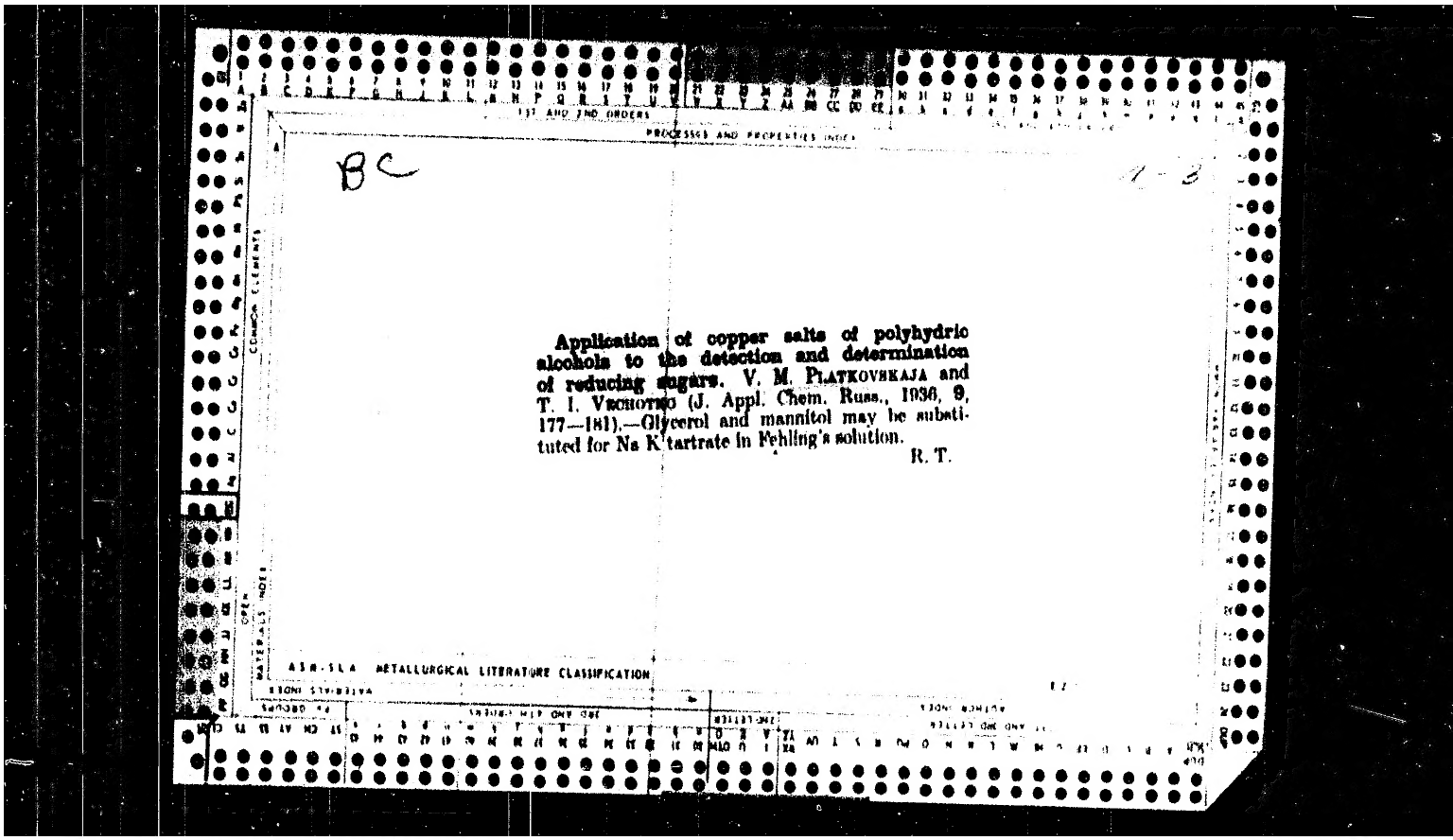

BC

Application of copper salts of polyhydric alcohols to the detection and determination of reducing sugars. V. M. PLATKOVSKAJA and T. I. VECHOTKO (J. Appl. Chem. Russ., 1936, **9**, 177—181).—Glycerol and mannitol may be substituted for Na K tartrate in Fehling's solution.

R. T.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATKOVSKAYA, V. M.

brief course of laboratory work in organic chemistry, Moskva, Gos. Izd-vo Prof. 1924 52 p. (Spetsial'nye posobiia dlia vysshei shkoly, 33-1414)

QD253.P69

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

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PLATITSYN, N. Lt. Col.

"Infantry Weapons in the American Army," Voyennyye Znaniya, No.11, 1955

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATKOVSKIY, V.

Proletarian internationalism, the militant banner of workers of all countries. Komm. Vooruzh. Sil 4 no.17:8-17 S '64. (MIRA 17:12)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

L 04672-67
ACC NR: AP6024455

the depth of the relaxation of Young's modulus. The relations obtained were found to be in qualitative agreement with the Granato-Lucke theory. A hysteresis was observed in the Young's modulus relaxation in the amplitude-dependent region. The influence of prior plastic deformation and of the temperature was investigated. A qualitative explanation of the observed results is presented. Orig. art. has: 8 figures and 2 formulas.

SUB CODE: 20/ SUBM DATE: 010ct65/ ORIG REF: 003/ OTH REF: 004

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Card 2/2

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L 04672-67 EWT(l)/EWT(m)/T/EWP(t)/ETI IJP(c) GO/JD

ACC NR: AP6024455 SOURCE CODE: UR/0181/66/008/007/1994/2000

AUTHOR: Platkov, V. Ya.; Startsev, V. I.

ORG: Physicotechnical Institute of Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-tekhnicheskiy institut nizkikh temperatur AN UkrSSR)

TITLE: Amplitude and time dependences of the internal friction in ionic crystals

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 1994-2000

TOPIC TAGS: internal friction, ionic crystals, crystal dislocation phenomenon, Young modulus, relaxation process, plastic deformation, temperature dependence

ABSTRACT: The authors present the results of an investigation of internal friction due to the presence of dislocations in single-crystal KBr, KCl, RbI, and in part NaCl. The internal friction and Young's modulus were measured using a double compound oscillator in which the ultrasonic oscillations were produced by X-cut quartz excited in the natural longitudinal mode (77.7 and 90.5 kcs). The sample was cleaved along the cleavage plane and glued to the quartz. The different crystals were made of different lengths, such that the difference between their natural frequencies and the natural frequency of the quartz did not exceed 500 cps. The measurements were made at 4.2, 77, and 273K, maintained constant within ±0.1°. Plots were obtained of the internal friction and Young's modulus against the amplitude of the strain, the variation of Young's modulus during excitation, the variation of the depth of relaxation of the modulus as a result of prior plastic deformation, and the influence of temperature on

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ACC NR: AP7001702

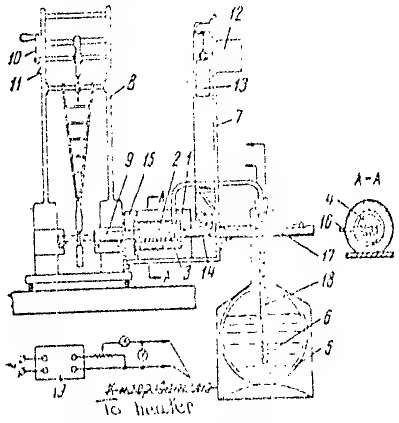

Figure 1. Scheme of attachment to a Type MK-05 impact testing machine for determining the impact ductility of materials at low temperatures.

SUB CODE: 11,20/SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

ACC NR: AP7001301 SOURCE CODE: UR/0032/66/032/012/1522/1523

AUTHOR: Khvatilov, A. I.; Platkov, V. Ya.; Trikoza, A. I.; Koshaba..., I. A.

ORG: Physico-Technological Institute for Low Temperatures, AN UkrSSR (Fiziko-tekhnicheskiy institut nizkikh temperatur AN UkrSSR)

TITLE: Attachment to pendulum-type impact testing machines for determining impact ductility at low temperatures

SOURCE: Zavodskaya laboratoriya, v. 32, no. 12, 1966, 1522-1523

TOPIC TAGS: impact test, ductility, metallurgic testing machine

ABSTRACT: The article describes the details of a newly developed attachment to a type MK-05 impact testing machine, which makes it possible to carry out tests at temperatures in the range of 77-300°K, and a mechanism for the automatic feeding of the sample from the cryostatic chamber onto the testing stand. A scheme of the unit is shown in Figure 1. In experiments carried out with cryostats of different volumes (from 170 to 1300 cm^3) it was established that the temperature in the cryostats is determined only as a function of the power of the heater. The unit described in the article makes it possible to carry out slow cooling of three samples, and subsequent testing at determined temperatures. Orig. art. has: 2 figures.

UDC: 620.178.7.29

Card 1/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATKOV, M.A.; ILLARIONOV, S.V.

Analytic design of a mechanical selector of molecular beams.
Prib. i tekh. eksp. 7 no.2:133-136 Mr-Ap '62. (MIRA 15:5)

1. Moskovskiy fiziko-tekhnicheskiy institut i Nauchnyy institut po udobreniyam i insektofungisidam.
(Molecular beams)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

S/080/62/035/012/002/012
D444/D307

AUTHORS: Platkov, M.A., Illarionov, V.I., Kononov, V.A., Kunin, K.V. and Evenchik, S.D.

TITLE: Separation of sulfur and selenium in packed and plate columns and the efficiencies

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 12, 1962, 2620-2624

TEXT: The object of this work was to fill the lack of information on plate efficiency or the proportionality coefficient between a theoretical plate and unit height of packing. This information is needed for sulfur-selenium separation column design. The material used was sulfur containing 0.4% As, 0.03% Se, 0.02% Te, bitumen and ash; a Se-enriched variety (0.044% Se) was also used. It was found that one theoretical plate corresponds to 27 cm of packed column with a reflux number of 2.6 and 5 x 4.3 x 0.3 and 7.8 x 8.5 x 0.3 mm packing. The efficiency of columns with 'sieve' and 'bubble-cap' plates was 6.5 and 0.31, respectively. With the

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L 12638-65
ACCESSION NR: AR4044034

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vapors. The distribution functions are easily determined using a velocity selector; to detect the beam it is proposed to use a method of weakening the intensity of the electron beam scattered in the molecular beam.

SUB CODE: NP ENCL: 00

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

L 12636-65 EWT(1)/T IJP(c)
ACCESSION NR: AR4044014 S/0058/63/000/011/D017/D017

SOURCE: Ref. zh. Fizika, Abs. 11D110

AUTHOR: Illarionov, S. V.; Platkov, M. A.

TITLE: A method of detecting beams of neutral molecules, and calculation of the equilibrium composition of the gaseous phase

CITED SOURCE: Tr. Nauchn. in-ta po udobr. i insektofungitsidam. M., 1963, 3-8

TOPIC TAGS: neutral molecule, neutral molecule beam, equilibrium composition, gaseous phase, effusion beam

TRANSLATION: If it is assumed that the composition of an effusion beam uniquely reflects the composition of the gas in the beam-source chamber, then measurement of the molecule distribution function by velocities in the beam makes it possible to obtain information on the composition of the equilibrium

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PLATKOV, I.D.

Comprehensive planning of engineering installations. Gor.khoz. Mosk. 36 no.6:26-27 Je '62. (MIRA 15:8)

1. Glavnyy inzhener 1-y masterskoy instituta "Mosinzhproyekt." (Moscow--Municipal engineering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATKOV, G.D., inzhener.

Landscaping open areas around apartment houses. Gor.khoz.Mosk. 24 no.4:16-20 Ap '50. (MLRA 7:10)
(Moscow--Landscape architecture) (Landscape architecture--Moscow)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATITSYNA, T.I.

Nakhodka Station. Zashch. rast. ot vred. i bol. 8 no.9:44 S '63. (MIRA 16:10)

1. Starshiy inspektor Nakhodkinskogo punkta.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATITSYN, N.A.

Concerning losses of electric power in the discharge resistances of the batteries of static condensers. Prom. energ. 15 no.7:8-10 Jl '60. (MIRA 15:1)

(Condensers (Electricity))
(Electric power)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATITSYN, N., podpolkovnik.

Infantry firearms of the United States Army. Voen.znan. 31 no.11. 20-21 N '55. (MLRA 9:5)

(U.S. Army--Firearms)

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PLATITSYN, N., podpolkovnik.

Infantry firearms of the United States Army. Voen.znan. 31 no.11: 20-21 N '55. (MLRA 9:5)
(U.S. Army--Firearms)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PANFILOV, G.; PLATITSIN, V., yurist, Geroy Sovetskogo Soyuza

Important role of a public inspector. Okhr. truda i sots. strakh. 3 no. 10:44-45 O '60. (MIRA 13:11)

1. Predsedatel' komissii okhrany truda zavkoma 1-go Gosudarstvennogo podshipnikovogo zavoda.
(Bearing industry--Hygienic aspects)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATITSIN, N.N., polkovnik; VIL'CHINSKIY, I.K., polkovnik, red.; MYASNIKOVA, T.F., tekhn.red.

[Firing manual; Makarov 9-mm. pistol (PM)] Nastavlenie po strelkovomu delu; 9-mm pistolet Makarova (PM). Izd.3, ispr. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 92 p. (MIRA 13:4)

1. Russia (1923- U.S.S.R.) Ministerstvo oborony. (Pistols)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

SAVCHENKO, Sergey Stepanovich, general-mayor; ALEKSANDROV, Anatoliy Aleksandrovich, polkovnik; GRECHIKHIN, Aleksey Fedorovich, polkovnik; PLATITSIN, Nikolay Nikitich, polkovnik; VIL'CHINSKIY, I.K., polkovnik, red.; SOLOMONIK, R.L., tekhn. red.

[Field firing for the personnel of small units] Boevye strel'by v sostave podrazdelenii. Moskva, Voen.izd-vo M-va oborony SSSR, 1961. 156 p. (MIRA 15:3)

(Shooting, Military)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATITSIN, N., podpolkovnik.

Small arms of the British army. Voen.znan. 32 no.2:28-29 F '56.
(MLRA 9:5)

(Great Britain--Army--Firearms)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

KRCILEK, A.; CERVENY, O.; PODZIMEK, A.; BOREK, Z.; PIATILOVA, H.

Postphlebitic syndrome. Cas. lek. cesk. 97 no.45:1410-1415 7 Nov 58.

1. IV. interni klinika KU prednosta prof. MUDr. Boh. Prusik clen korespondent CSAV. II. chirurgicka klinika KU prednosta akademik prof. MUDr. J. Divis. O. C. Praha 2 U nemocnice 499/2.

(PHLEBITIS, compl.
postphlebitic synd. (Cz))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Method and Technique of Investigations.

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 12218

Author : Krcilek, A.; Platilova, H.
Inst : -
Title : Infrared Photography of Subcutaneous Veins.

Orig Pub : Vnitrni Lekarstvi, 1956, 2, No. 5, 439-444

Abstract : A description of the method of intravital IR-photography, a survey of the literature and personal experiments in its application for discovery of subcutaneous veins and venous plexuses.

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MUTAFTSCHIEW, B. [Mutavchiev, B.]; PLATIKANOVA, W. [Platikanova, V.]

On kinetic forming crystal nucleus in solution. *Doklady BAN* 14 no.7:695-698 '61.

1. Institut fur physikalische Chemie an der Bulgarischen Akademie der Wissenschaften. Vorgelegt von Akademiemitglied R. Kaischew [Kaishev, R.].

(Kinetics) (Crystallization)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

MALINOVSKI, I.; PLATIKANOVA, V.; PETKANCHIN, I.

Model studies of the influence of admixtures on the photographic process. Izv Inst fiz khim 3: 119-131 '63.

1. Institut po fizikokhimiia pri Bulgarskata akademiia na naukite.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATIKANOV, N.

Evaluation of protein nutrient value in foods and fodder.
Selskostop nauka 2 no.5/6:678-691 '63.

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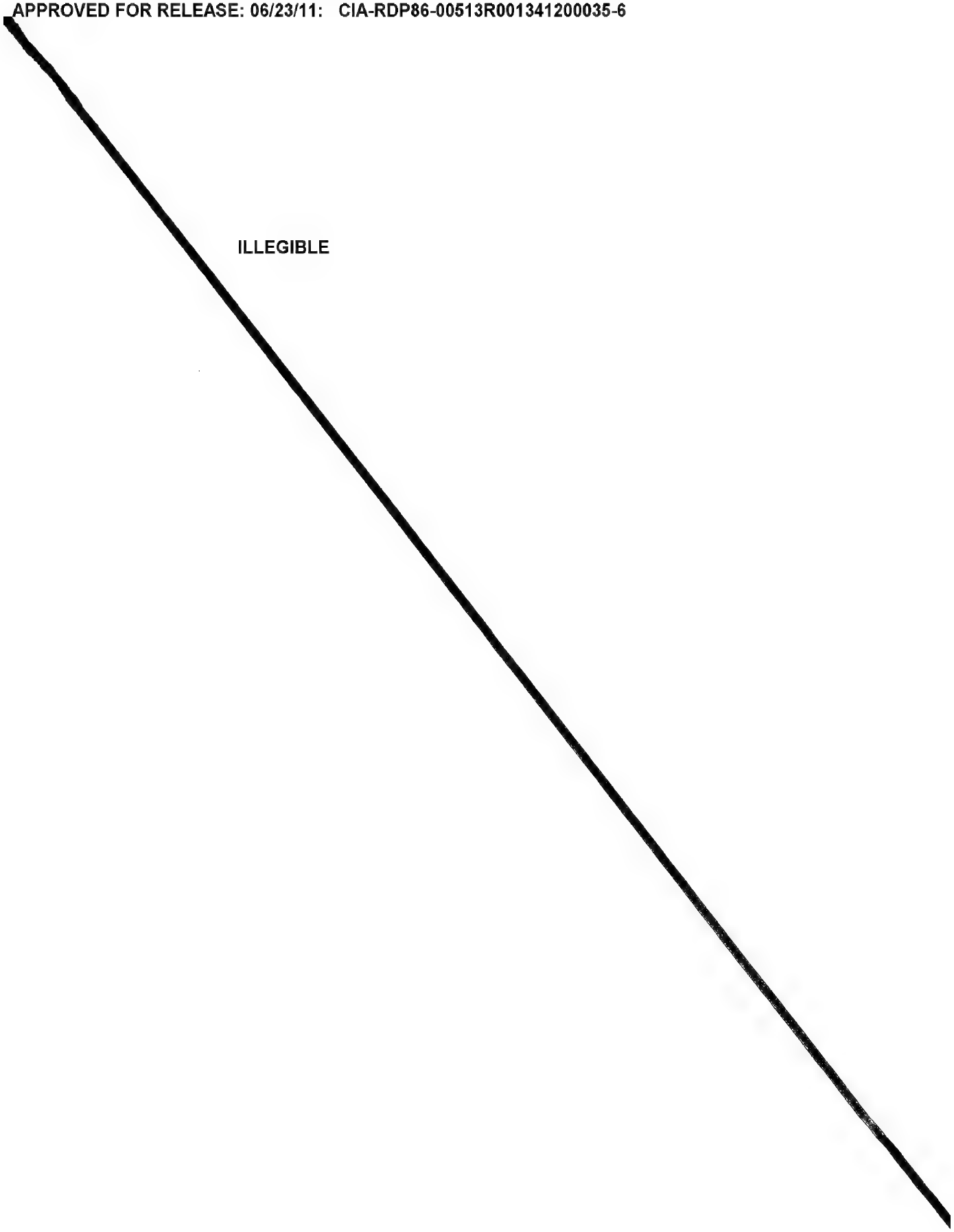

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATIKANOV, N.

"Organization and Evaluation of Labor on Sheep Breeding Farms and on Collective Farms." p. 217, Izvestiia, Sofiya, Vol. 5, 1954

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATIKANOV, N.
"Professor Zheliu Ganchev; a profile" (p.95) PRIRODA
(Bulgarska Akademiia Na Naukite) Sofiya Vol 2 No 6 Nov/Dec 1953

SO: East European Accessions List Vol 2 No 6 Aug 1954

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

ACCESSION NR: AP4019220

nomenon, follows by derivation of the self excitation condition for the Raman laser. It is shown that during the course of interaction of the waves the energy goes from the wave with the larger frequency (pump) to that with the lower frequency (signal). This explains why the amplification occurs only for the Stokes component of the Raman scattering. A theoretical limit is shown to exist for the energy transferred from the pump to the signal and that the energy transformation ratio is equal to the signal to pump frequency ratio ω_s/ω_p.

It is pointed out that the Raman laser is a new type of generator, distinct from all others known in optics. Its oscillation energy is proportional to $(\omega_s/\omega_p)E_p^2$, as in parametric generators, but unlike the latter there is no need for satisfying rigorous dispersion relations and the self-excitation coefficient is determined by the square of the amplitude of the pumping wave and not by the first power. "The authors are grateful to S. A. Akhmanov and D. N. Klyshko for a discussion of the results." Orig. art. has: 14 for-

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

ACCESSION NR: AP4019220 S/0056/64/046/002/0555/0559

AUTHORS: Platonenko, V. T.; Khokhlov, R. V.

TITLE: On the operating mechanism of a Raman laser

SOURCE: Zhurnal eksper. i teor. fiz., v. 46, no. 2, 1964, 555-559

TOPIC TAGS: laser, Raman laser, stimulated Raman scattering, laser emission, Raman line, Stokes component, laser self excitation, Raman laser self excitation

ABSTRACT: In view of recent observations of stimulated Raman scattering laser lines from various organic liquids stimulated by intense light waves of a different frequency (G. Eckhardt et al., Phys. Rev. Lett. v. 9, 455, 1962) and the resultant feasibility of a new type of laser (Raman laser), the authors first present a classical description of stimulated Raman scattering and the nonlinear theory of a traveling wave amplifier based on the use of this phe-

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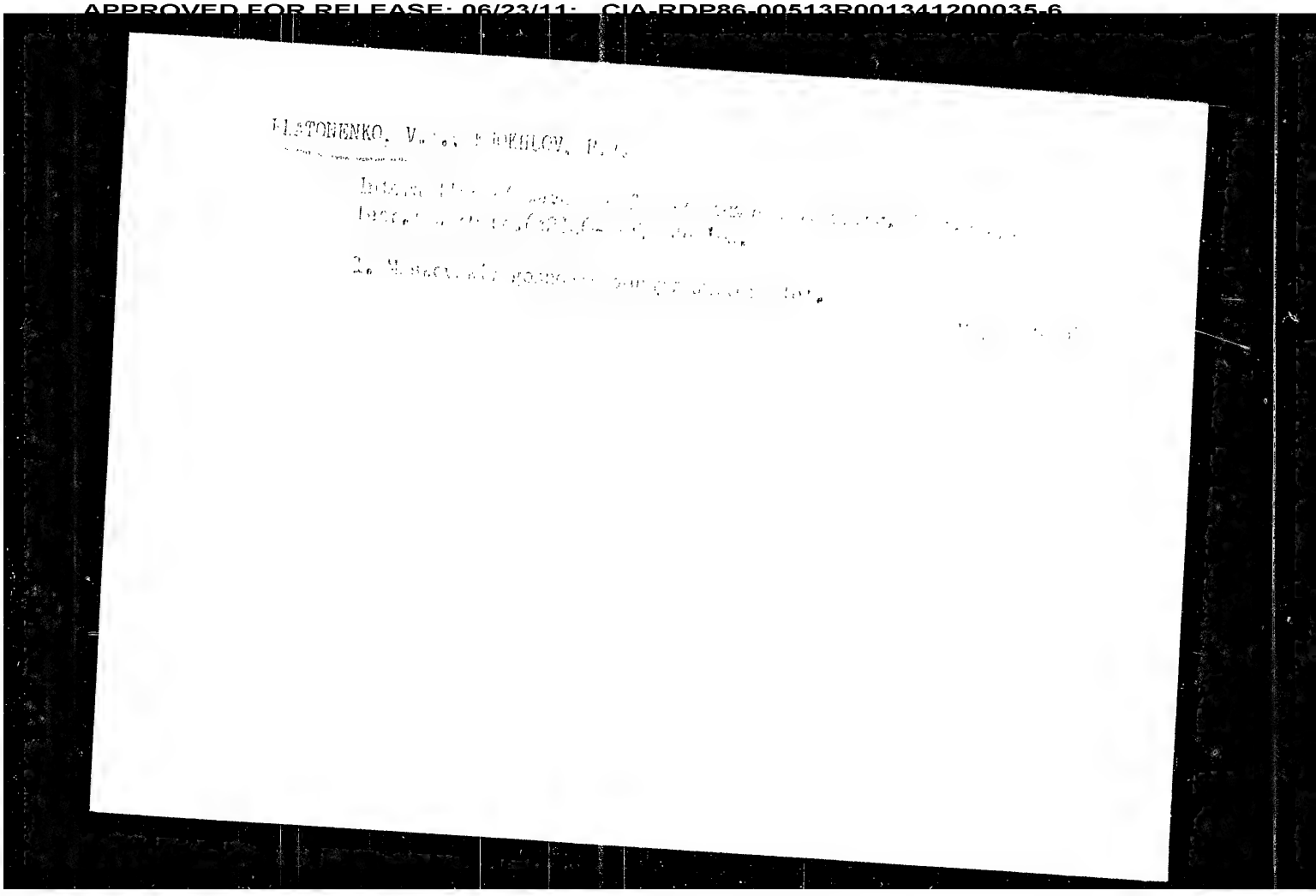

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PLATONENKO, V.T.; KHOKHLOV, R.V.

Induced Raman scattering in mercury vapor [illegible] molecules. Opt. i spektr. [illegible]

(MIRA [illegible])

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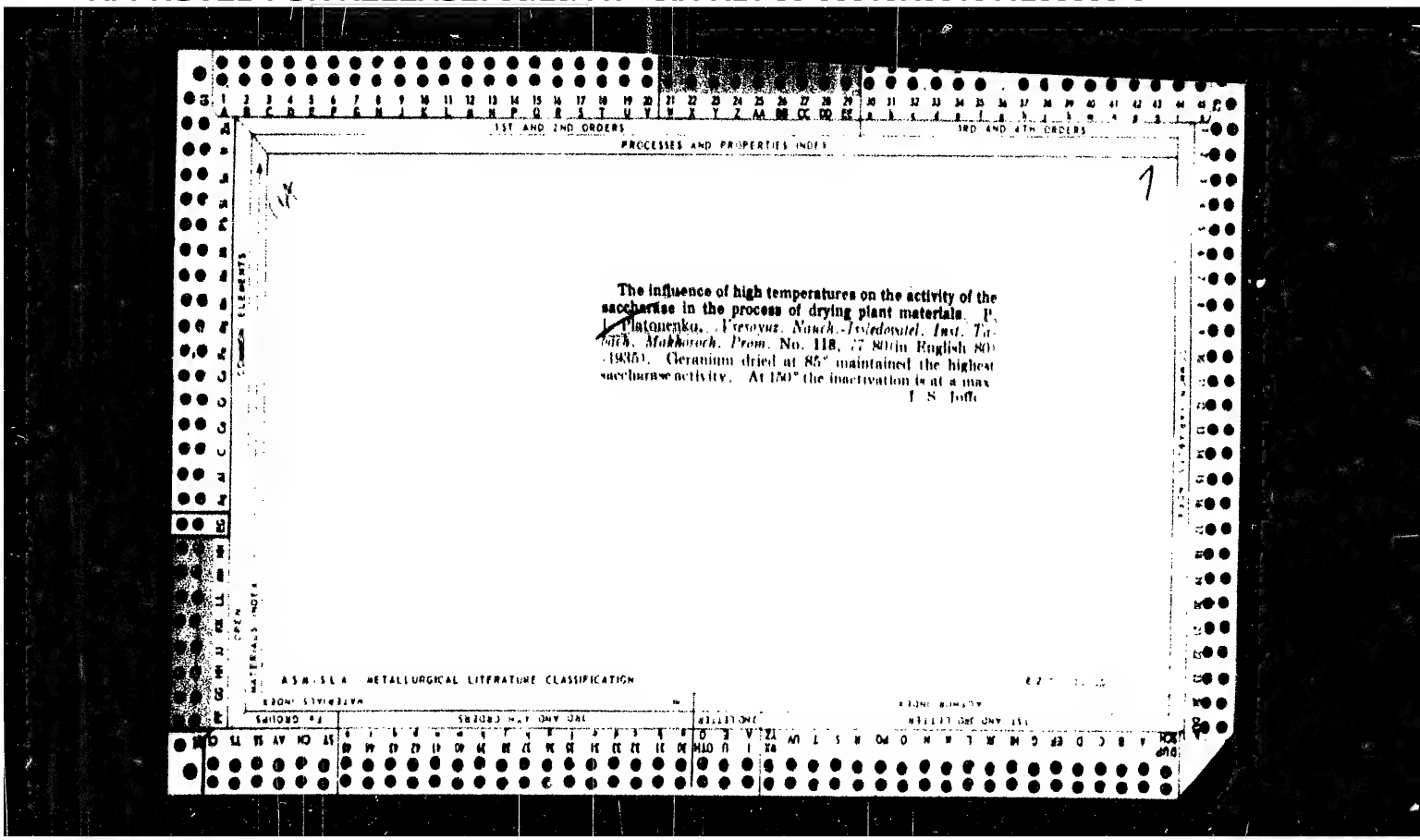

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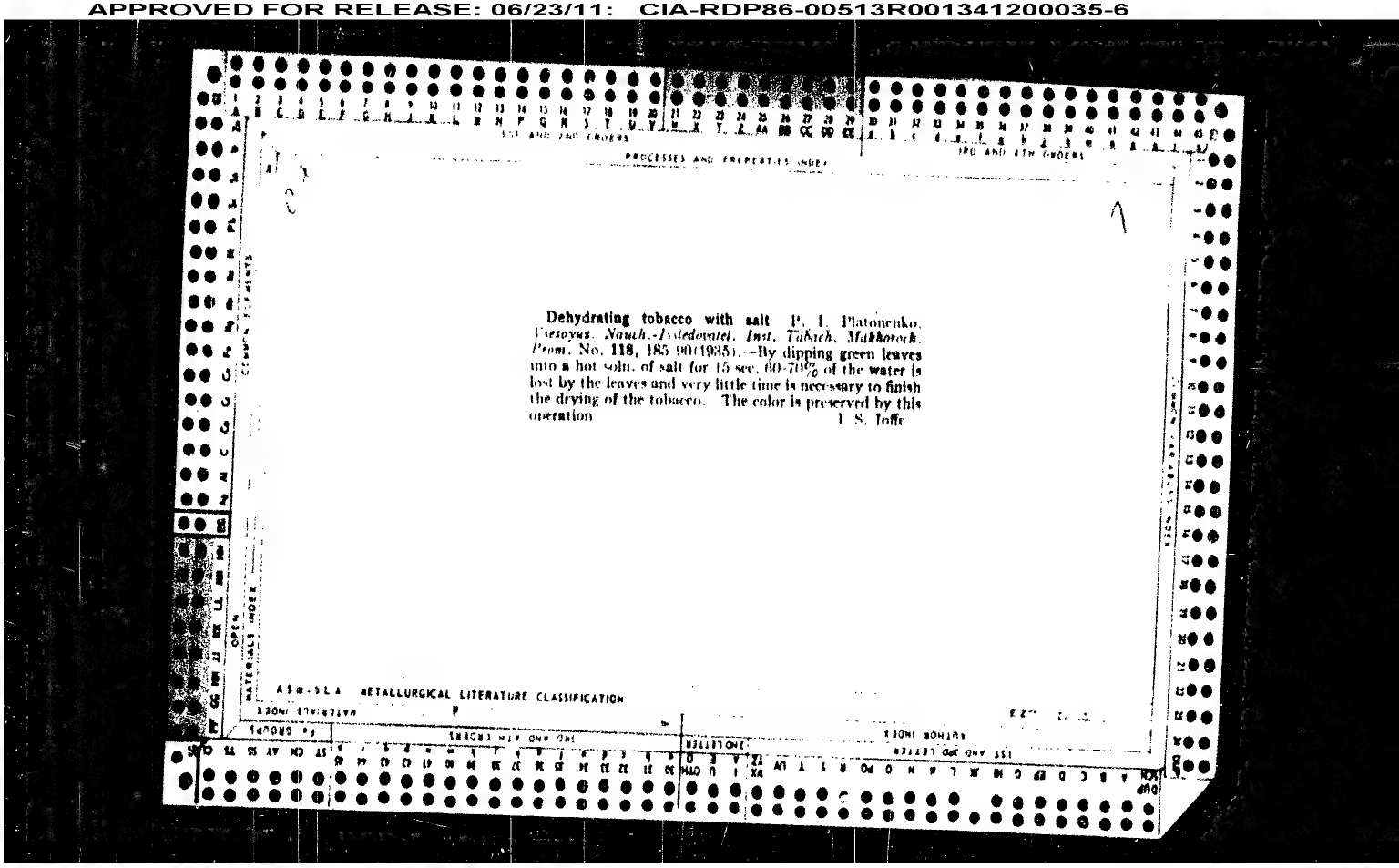

Dehydrating tobacco with salt P. I. Platonenko. *Vsesoyuz. Nauch.-Issledovatel. Inst. Tabach. Makhorochn. Prom.* No. **118**, 185 90(1935).—By dipping green leaves into a hot soln. of salt for 15 sec. 60-70% of the water is lost by the leaves and very little time is necessary to finish the drying of the tobacco. The color is preserved by this operation

I. S. Joffe

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

L 8322-66 FBD/EWT(1)/EEC(k)-2/T/EWP(k)/EWA(m)-2/EWA(h) SCTB/IJP(c) WG/GG

ACC NR: AP5026612 SOURCE CODE: UR/0056/65/049/004/1190/1196

AUTHOR: Platonenko, V. T.; Stamenov, K. V.; Khokhlov, R. V.

ORG: Moscow State University (Moskovskiy gosudarstvennyy universitet)

TITLE: Stimulated Raman scattering in strong fields

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 4, 1965, 1190-1196

TOPIC TAGS: Raman effect, Raman scattering, nonlinear optics, Stokes component, stimulated Raman scattering, Raman laser, strong magnetic field

ABSTRACT: A quantum mechanical treatment is conducted of the stimulated Raman scattering by molecules with nonequidistant vibrational levels in a strong magnetic field. The kinetic equation for the density matrix in the energy representation is used in the analysis. A condition for the appearance of the Stokes doublet (i.e., splitting of the Stokes line) is derived. The fields of the exciting waves required for the splitting are shown to be smaller than those at which the saturation effect will appear. At a large pump power, the Stokes line should be asymmetrically broadened, making it possible to evaluate the energy levels making the main contribution to stimulated Raman scattering. Orig. art. has: 15 formulas. [CS]

SUB CODE: 20/ SUBM DATE: 23Apr65/ ORIG REF: 004/ OTH REF: 003/ ATD PRESS: 4149

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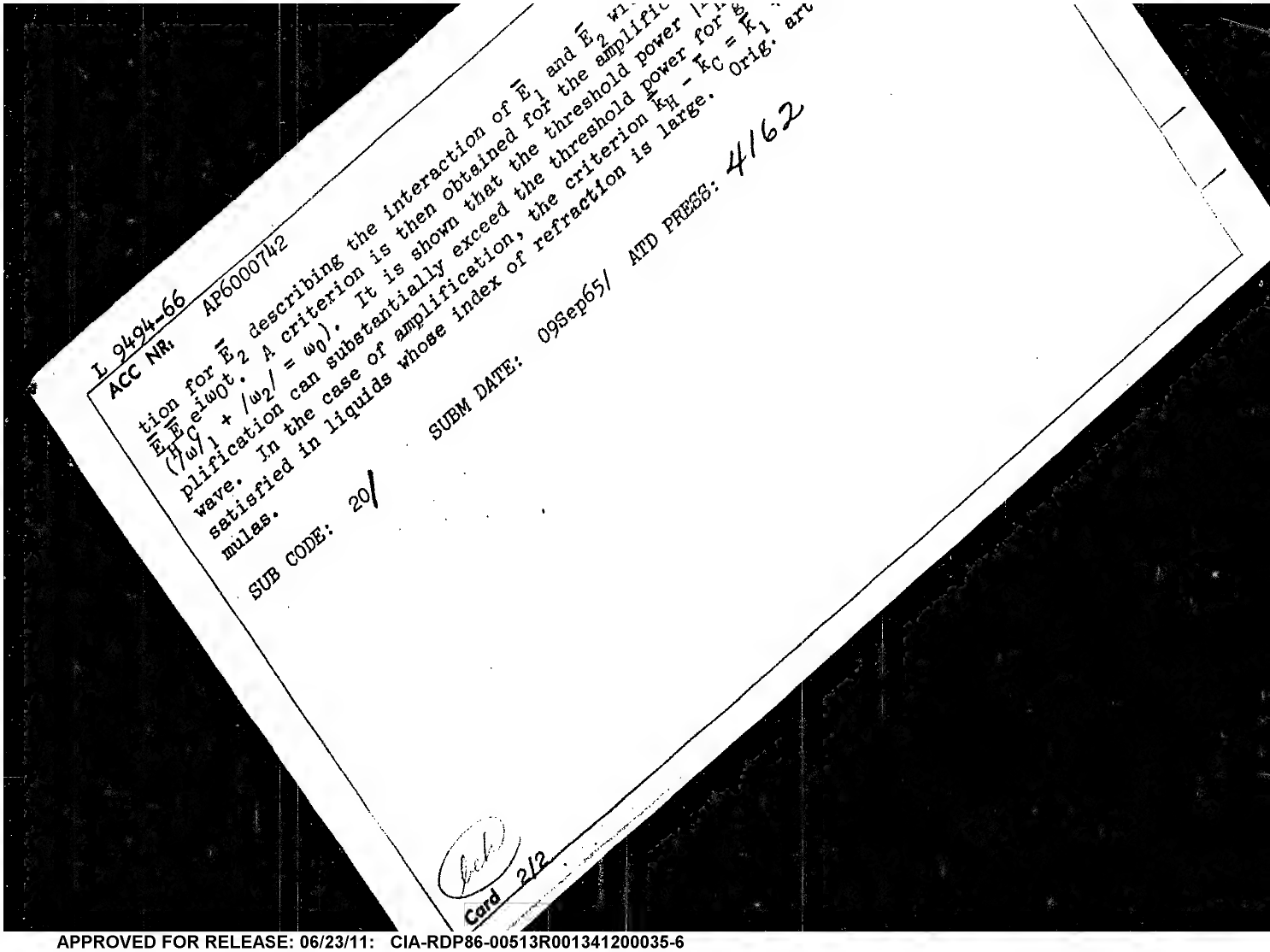

L 9494-66
ACC NR: AP6000742

tion for $\bar{E}$ describing the interaction of $\bar{E}_1$ and $\bar{E}_2$ wi... $\bar{E}_H e^{i\omega_0 t}$. A criterion is then obtained for the amplifi... ($|\omega_1| + |\omega_2| = \omega_0$). It is shown that the threshold power f... plification can substantially exceed the threshold power for ... wave. In the case of amplification, the criterion $K_H - K_C = K_1$ ... satisfied in liquids whose index of refraction is large. Orig. art ... mulas.

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SUBM DATE: 09Sep65/ ATD PRESS: 4162

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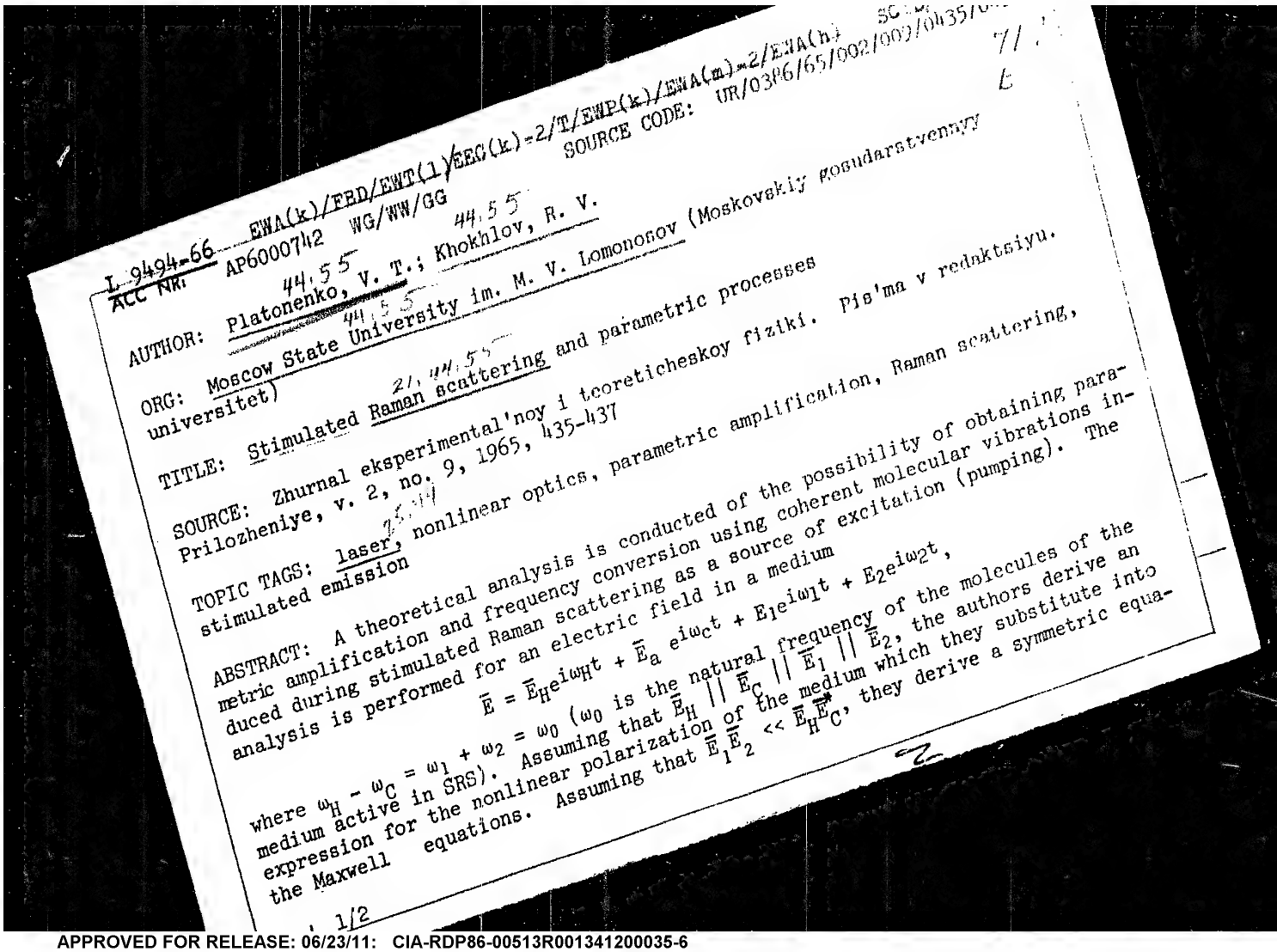

L 9494-66 EWA(k)/FBD/EWT(1)/EEC(k)-2/T/EWP(k)/EWA(m)-2/EWA(h) SC
ACC NR: AP6000742 WG/WW/GG SOURCE CODE: UR/0386/65/002/009/0435/0

AUTHOR: Platonenko, V. T.; Khokhlov, R. V. 44,55

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet) 44,55

TITLE: Stimulated Raman scattering and parametric processes 21, 44,55

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 2, no. 9, 1965, 435-437

TOPIC TAGS: laser, nonlinear optics, parametric amplification, Raman scattering, stimulated emission

ABSTRACT: A theoretical analysis is conducted of the possibility of obtaining parametric amplification and frequency conversion using coherent molecular vibrations induced during stimulated Raman scattering as a source of excitation (pumping). The analysis is performed for an electric field in a medium

$$\bar{E} = \bar{E}_H e^{i\omega_H t} + \bar{E}_a e^{i\omega_C t} + E_1 e^{i\omega_1 t} + E_2 e^{i\omega_2 t},$$

where $\omega_H - \omega_C = \omega_1 + \omega_2 = \omega_0$ (ω_0 is the natural frequency of the molecules of the medium active in SRS). Assuming that $\bar{E}_H \parallel \bar{E}_C \parallel \bar{E}_1 \parallel \bar{E}_2$, the authors derive an expression for the nonlinear polarization of the medium which they substitute into the Maxwell equations. Assuming that $\bar{E}_1 \bar{E}_2 \ll \bar{E}_H \bar{E}^*_C$, they derive a symmetric equa-

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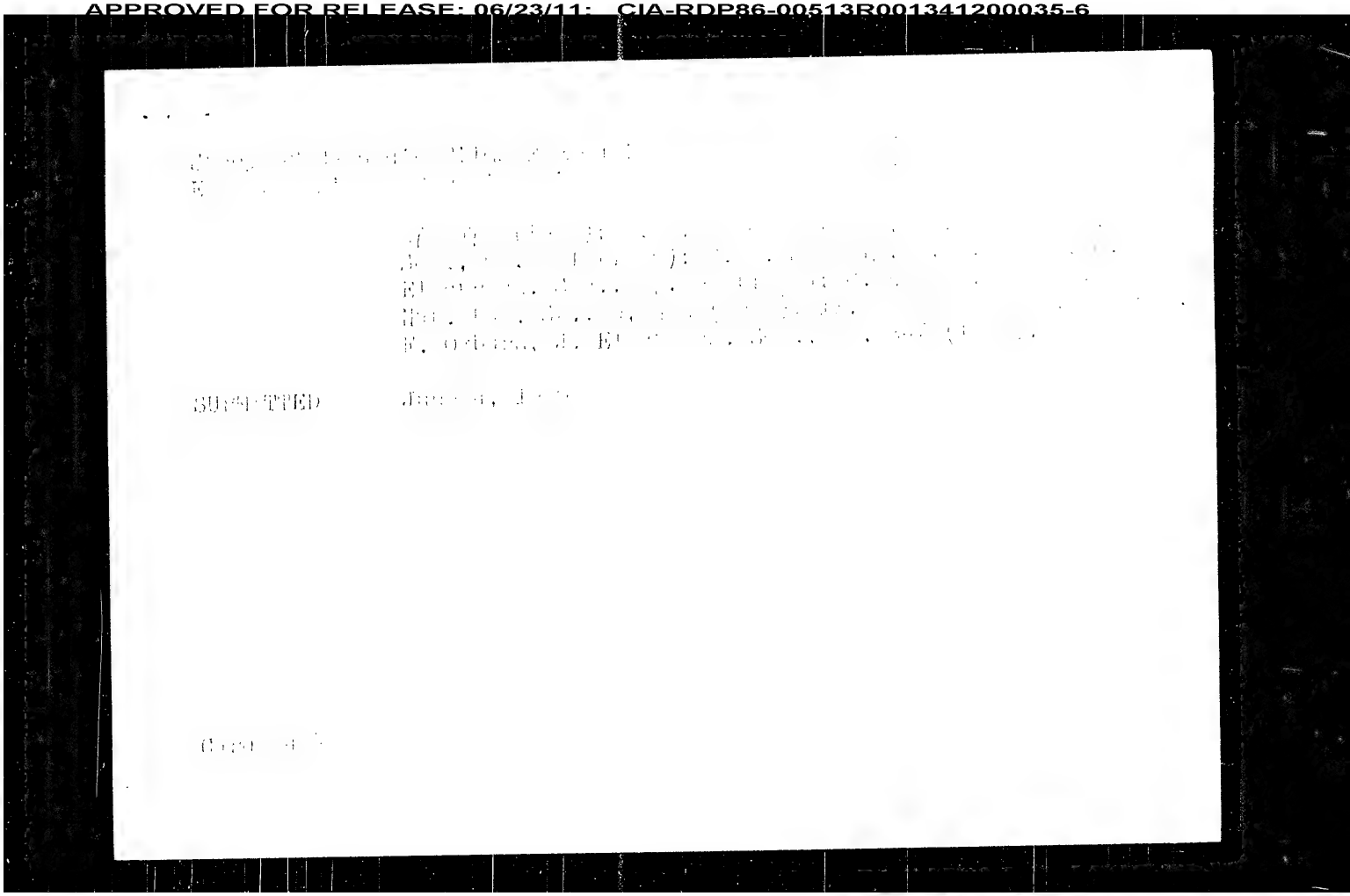

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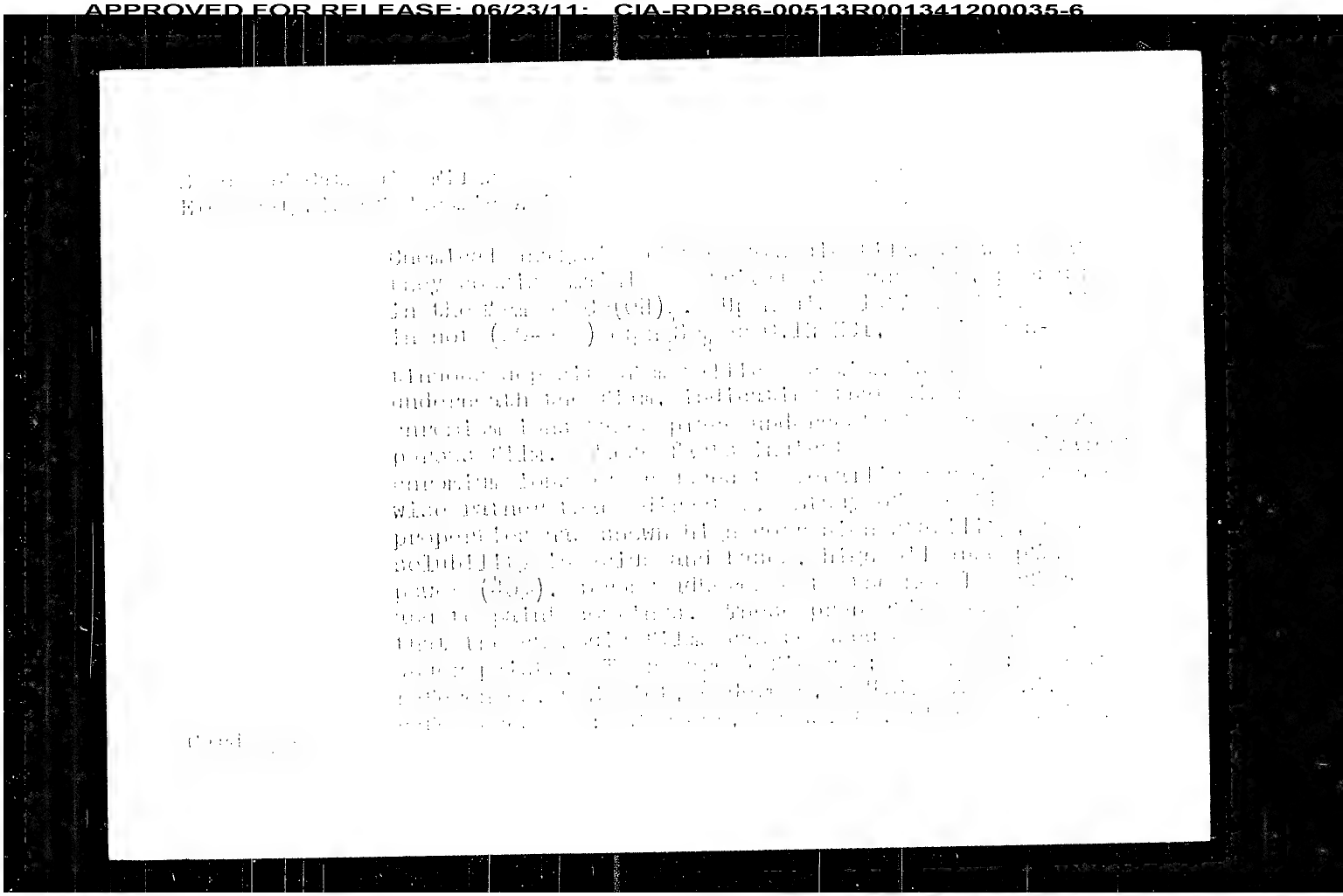

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Study of Cathodic Film Formed in
Electrolysis of Chromic Acid

Kholkin

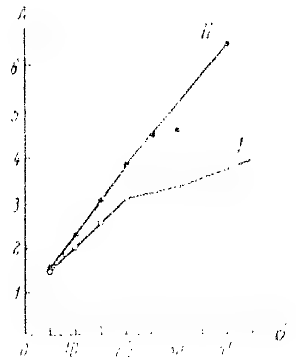

Fig. 2. [illegible]
[illegible]
[illegible]; (II) [illegible].

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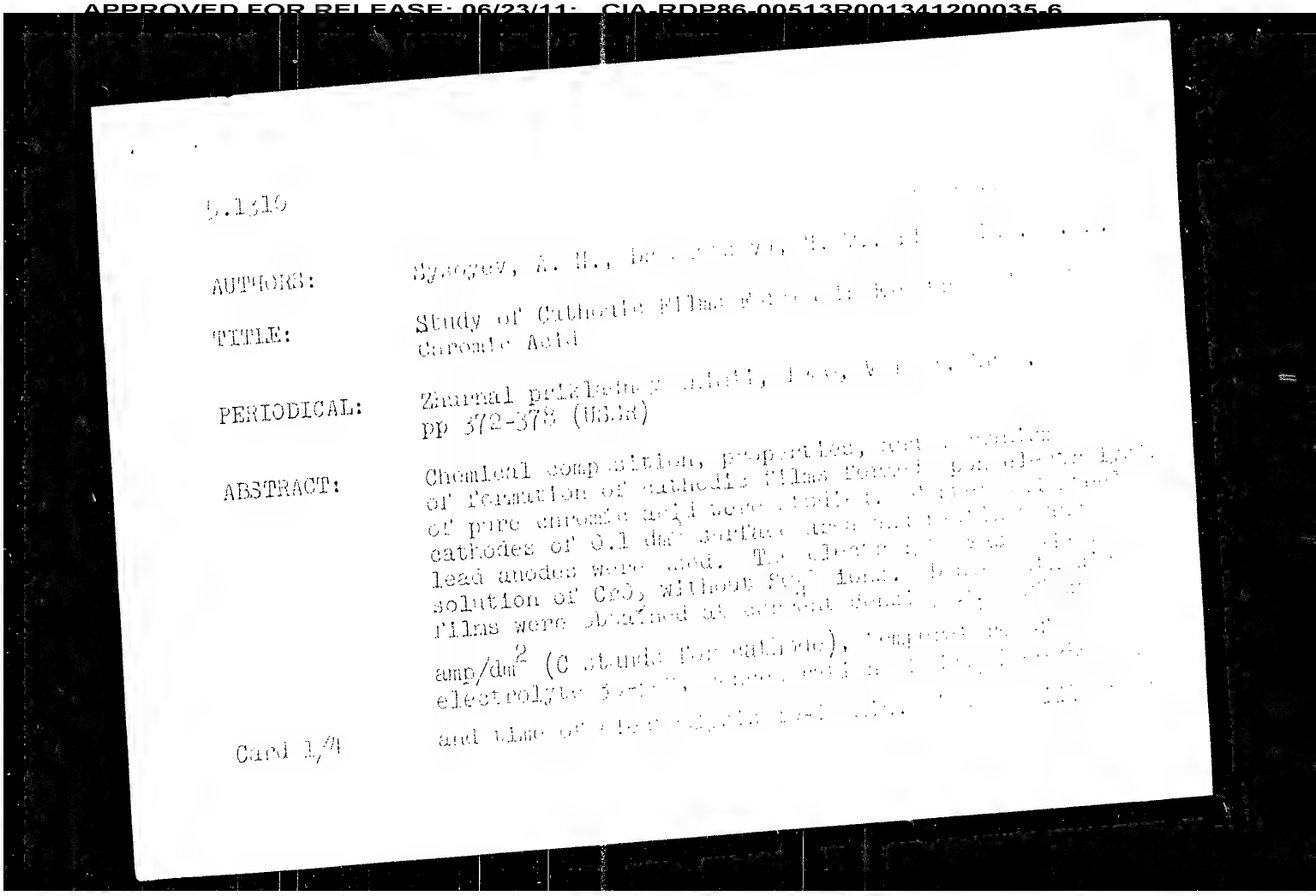

6.1316

AUTHORS: Syrogev, A. N., [illegible]

TITLE: Study of Cathodic Films [illegible] Chromic Acid

PERIODICAL: Zhurnal prikladnoy khimii, [illegible]
pp 372-378 (USSR)

ABSTRACT: Chemical composition, properties, [illegible] of formation of cathodic films [illegible] of pure chromic acid [illegible] cathodes of 0.1 dm² surface [illegible] lead anodes were used. The [illegible] solution of CrO₃ without [illegible] films were obtained at [illegible] amp/dm² (C stands for cathode), [illegible] electrolyte [illegible] and time of [illegible]

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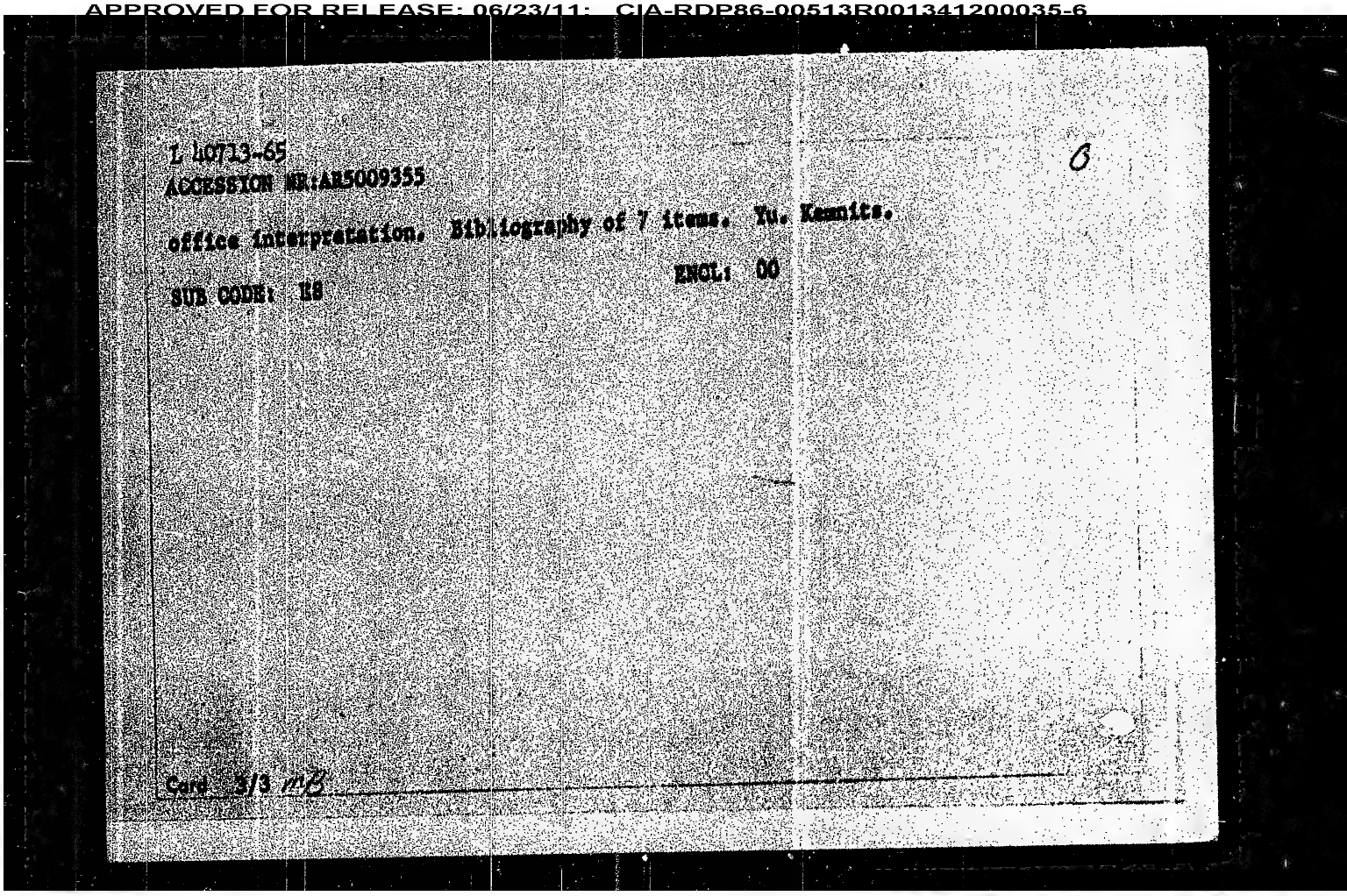

L 40723-65
ACCESSION NR:AR5009355

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office interpretation. Bibliography of 7 items. Yu. Kemnits.

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L 40713-65

ACCESSION NR: AR5009355

field soil mapping from aerial photographs. Relief was estimated directly on the aerial photographs with an accuracy to 0.25 unit on a 5-unit scale; the lowest elevation was assigned to unit 1 and the highest elevation was assigned unit 5. A scale of proposed features of agricultural lands then was prepared; the units of this scale were derived as the mean arithmetical units of all three arguments. Each interpreted proposed feature (PF) was assigned a unit selected from this scale and the arguments were evaluated separately: density of photo tone (P), soil (S) and relief (R). On the basis of the observed data a composite correlation coefficient was derived for characterizing the dependence of PF on P, S and R. The determined value was 0.873. Then the special correlation coefficients were computed:

$$r_{K\Phi}(PF, P = R; \pi = S).$$

Finally, a PF multiple regression equation was derived for P, S and R. PF = 0.76 + 0.22P + 0.19S + 0.32R. Such statistical investigations should be expanded in the direction of an increase of the number of interpretation criteria. The regression equation derived on their basis can be used in developing a method of

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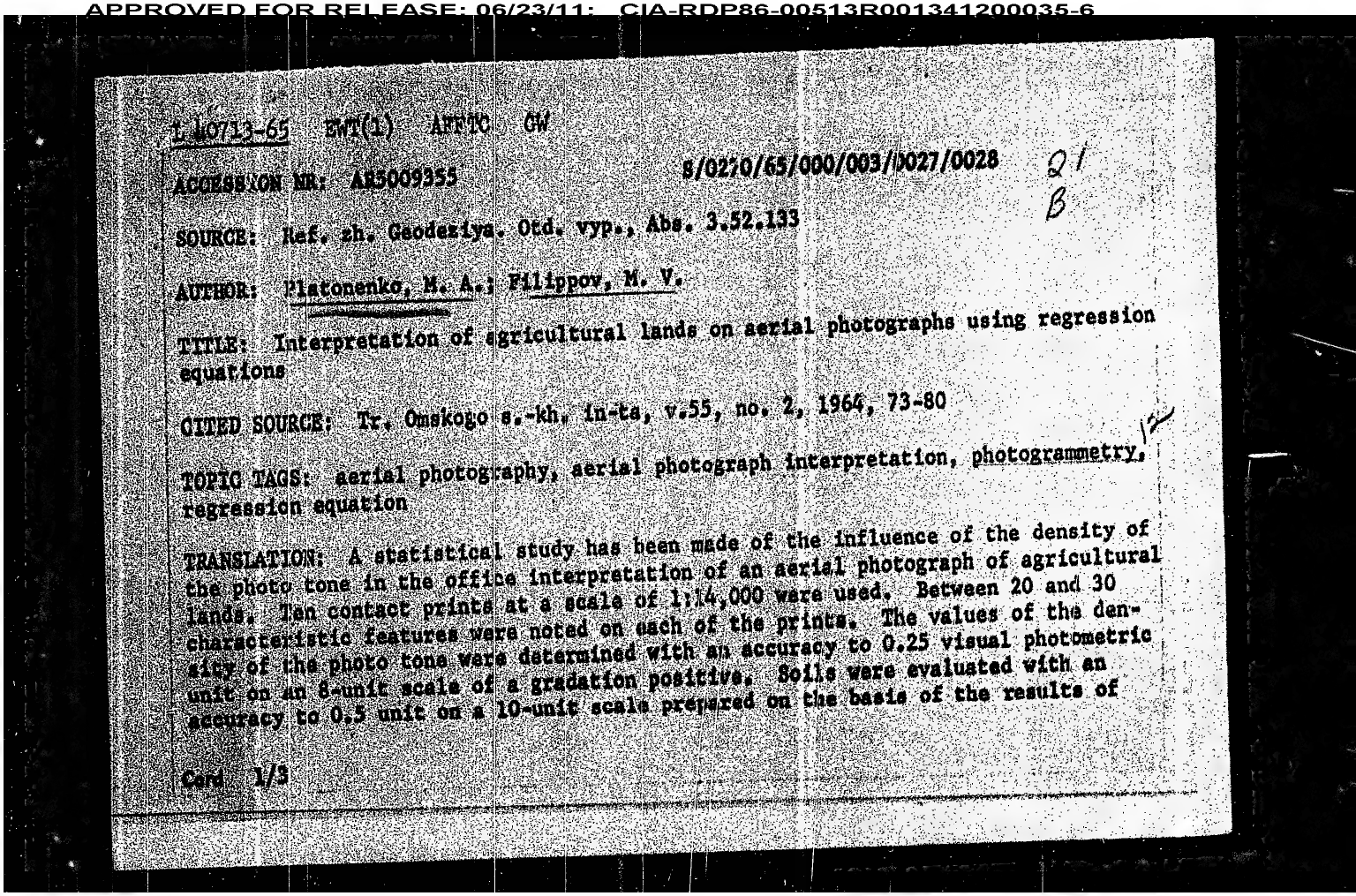

L 10713-65 EWT(1) ARTIC GW

ACCESSION NR: AR5009355 S/0270/65/000/003/0027/0028 21 B

SOURCE: Ref. zh. Geodeziya. Otd. vyp., Abs. 3.52.133

AUTHOR: Platonenko, M. A.; Filippov, M. V.

TITLE: Interpretation of agricultural lands on aerial photographs using regression equations

CITED SOURCE: Tr. Omskogo s.-kh. in-ta, v.55, no. 2, 1964, 73-80

TOPIC TAGS: aerial photography, aerial photograph interpretation, photogrammetry, regression equation

TRANSLATION: A statistical study has been made of the influence of the density of the photo tone in the office interpretation of an aerial photograph of agricultural lands. Ten contact prints at a scale of 1:14,000 were used. Between 20 and 30 characteristic features were noted on each of the prints. The values of the density of the photo tone were determined with an accuracy to 0.25 visual photometric unit on an 8-unit scale of a gradation positive. Soils were evaluated with an accuracy to 0.5 unit on a 10-unit scale prepared on the basis of the results of

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

AUTHORS: Fialkov, D.N. and Platonenko, N.A. SOV-132-58-8-6/16

TITLE: Photogrammetric Method of Detailed Geological Mapping (Fotogrammetricheskiy spozob detal'nogo geologicheskogo kartirovaniya)

PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 8, pp 21 - 28 (USSR)

ABSTRACT: As aerial photography is now widely used for prospecting for mineral deposits, the authors propose the photogrammetric method of detailed geological mapping to replace the antiquated method of geological surveying. As a rule, the topographic map is established with the help of aerial photography and the necessary connection of the identification mark of the aerial photography with the reference of the map. Observing definite conditions, all elements discovered by the photograph can be fixed on the map with great precision. There is 1 map and 2 diagrams and 1 graph.

ASSOCIATION: Omskaya kompleksnaya ekspeditsiya (The Omsk Joint Expedition

1. Minerals--USSR 2. Minerals--Sources 3. Mapping--Applications
4. Aerial photography--Applications

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PLATONENKO, M.A.

Quantitative characteristics of interpretation characteristics of soils on air photos by means of correlation coefficients. Pochvovedenie no.1:75-84 Ja '63. (MIRA 16:2)

1. Omskiy sel'skokhozyaystvennyy institut imeni S.M.Kirova. (Siberia, Western--Soils) (Photographic interpretation)

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PLATONENKO, M.A.

Characteristics of the aerial photography of soils in Western Siberia. Pochvovedenie no.2:42-50 F '62. (MIRA 15:3)

1. Omskiy sel'skokhozyaystvennyy institut imeni S.M.Kirova.
(Siberia, Western--Soil surveys) (Aeronautics in surveying)

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S/035/60/000/007/034/035
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1960, No. 6, p. 106, # 5636

AUTHOR: Plakhmenko, M. A

TITLE: Use of Readings of a Radial Micrometer and a Stereoscope for Increasing the Precision of Graphic Phototriangulation

PERIODICAL: Tr. Omskogo s.-kh. in-ta, 1958, Vol. 29, No. 2, pp. 105-119

TEXT: It is proposed, in order to increase the precision of graphic phototriangulation, to use the readings of the radial micrometer and the stereoscope, to calculate the values of double bases, and to check the plotting of a rhombic network using these values. The methods of plotting the phototriangulation network in this way are discussed, and the precision of the method is analyzed. It has been established, that the accuracy increased by 1.5 times (in processing the photographs taken by AFA with F = 200 mm)

S. I. P.

Translator's note: This is the full translation of the original Russian abstract.

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PLATONAU, G.V., laureat Stalinskay premii, kandidat filasofskikh navuk; DZERUZHYNSKI, A., redaktar; TRUKHANAVA, A., tekhnicheskiy redaktor

[K.A.Timiriazev's struggle against idealism and religion] Barats'ba K.A.Timirazeva suprots' idealizma i religii. Minsk, Dziarzh. vyd-va BSSR, 1954. 43 p. (MIRA 10:1)
(Timiriazev, Kliment Arkad'evich, 1843-1920)

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PLATON, V.M. [deceased]

Aerial photography in prospecting peat deposits. Torf.prom.32 no.5:24 '55. (MLRA 8:10)
(Peat bogs) (Photography, Aerial)

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PLATON, Vl., ing.

New solutions in manufacturing coupled windows. [illegible]
15 no.10:389-393 O '64.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON, V. E.

13. USE OF AERIAL PHOTOGRAPHY FOR PROSPECTING FOR PEAT DEPOSITS.
Platon, V.E. (Torf. Prom. (Peat Ind., Moscow), 1955, (5), 24). (L).

Platon was MIT

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PLATON, Vl., ing.

New solutions in manufacturing and mounting doors by finishing them at the producers. Ind lemnului 15 no.6/7:227-231 Jo-Jl '64.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

KOZULIN, Yu.N.; PLATON, V.D.

Calculation of a $Q_{-\frac{1}{2}}(p, z)$ function of two complex variables. Part 2. Uch.zap.Kish.un. 69:6-13 '64.

(MIRA 18:12)

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[illegible], I. V. and [illegible].

Aeros"emka gorodov. Moskva, Oborongiz, 1 32. 1 [illegible] p., 1 [illegible].
Bibliography: p.4.
Title tr.: Aerial mapping of cities.

TL570.V4

See: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1954.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON, V.

Additions to the knowledge of the hygroscopicity, water absorption, and contraction of wood dried in petrolatum. p. 411.
(INDUSTRIA LEMNULUI. RUMANIA. Vol. 5, no. 9, Sept. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON, Maria; OPRISOR, Natalia; TESU, Viorica; DUMITRESCU, Olga

Physiological processes in hybrid corn. Studii biol agr Iasi 13 no.2:317-324 '62.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PIATON, V. ; ILIESCU, Gh.

Some contributions toward ink spot removal, and some aspects of the problem.
p. 217.

CELULOZA SI HIRTIE. (Asociatia Stiintifica a Ingin.riler si Tehnicienilor din Romînia si Ministerul Industriei Petrolului si Chimiei) Bucuresti.
Vol. i, no. 7, July 1959

Monthly List of East European Accessions (EEAI) L C, Vol. 9, no. 2, 1960

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON, M., ing.; BRAICU, L., ing.

Contributions to the utilization of the Roe chlorine number.
Cel hirtie 12 no.3:88-92 Mr '63.

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FISCHGOLD,S., ing.; POPESCU,G., biolog; ANTON, I., ing.; BUROVA,T., candidat stiinte tehnice; HERSCU,O., chim.; POPOVICI,M., chim.; PLATON,M., ing.; KOHERTH,H., chim.

Some considerations on the utilization of beechwood for obtaining chemical pulp. Cel hirtie 10 no.7/8:225-231 Jl-Ag'61.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON, M., ing.; CONSTANTINESCU, C., ing.

Rendering the waste materials form forest operation and wood processing factories valuable for the pulp industry. Celhirtie 10 no.4:121-128 Ap'61

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

CONSTANTINESCU,O., ing.; ANTON,I., ing.; BUROVA,T., ing.; HOTOPELEANU,A., ing.; KOHERTH,H., chim.; POPOVICI,M., chim.; HERSCU,O., chim.; PETREA,G., ing., PLATON,M., ing.

Obtaining SNS chemical and semichemical pulps from reed by means of continuous digesting in the Pandia type installation. Cel hirtie 11 no.3:100-101 Mr.'62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON,M., ing.; CONSTANTINESCU,O., ing.; KONERTH,H., chim.

Use of waste materials from forestry operation and wood industry mills. Cel hirtie 10 no.7/8:235-242 Jl-Ag'61.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON,M., ing.; POPOVICI,M., chim.

Statistical correlation between the lignin content of some fibrous pulps and the Kappa index. Celulioza i hirtie 12 no.2:41-47 F'63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATON,M., ing.; CONSTANTINESCU,C., ing.; DRAGHICI,F., ing.; KOHERTH,H. chim.; ANTON,I., ing.; BUROVA,T., ing.; FISCHGOLD,S., ing.; HOTOPELEANU,A., ing.

Industrial experiments in turning to account waste materials resulting from the exploitation and industrialization of wood. Cel hirtie 11 no.3:102-106 Mr'62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

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Platon, Florentina

5

CONSTANTINESCU, D. Gr.
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: Dr.

Affiliation: I.C.S.M.C.F.

Source: Bucharest, Farmacia, No 6, 1961, pp 333-343.

Data: "Contributions to the Analytic Study of Cinarol"

Co-authors:

PLATON, Florentina, Pharmacist, I.C.S.M.C.F.
APREDTESEI, C., Farm. Col., M.F.A.

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PLATON, F.C., ing.

Problem of tanning raw material in Rumania. Some considerations in view of the conference held at Cluj Sept. 5-6, 1955. Industria usoara 3 no.1:36-38 Ja '56.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

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SAVULESCU, Alice; BECERESCU, D.; PUSCASU, A.; BOJOR, O.; PLATON, Florentina; COICIU, Evdochia; STEFANESCU, A.; MOGA, Rodica; DRAGOMIRESCU-MANUCHIAN, Maria

Research on the producing of spurred rye in Rumania. Studii cerc biol veget 13 no.2:149-173 '61. (EEAI 10:11/12)

1. Membru corespondent al Academiei R.P.R.(for Savulescu) 2. Institutul de cercetari agronomice(for Coiciu, Becerescu, Stefanescu, Puscasu, Moga) 3.Institutul pentru controlul de stat al medicamentului si de cercetari farmaceutice(for Bojor, Dragomirescu-Manuchian, Platon).

(Ergot)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

CONSTANTINESCU, D. Gr.; DOBOS, C.; MANOLESCU-DRAGOMIRESCU, Maria; PLATON, Florentina; PAVEL, Margareta; GRINTESCU, A.; GEORGESCU, Viorica.

Institute for State Control of Medicines and Pharmaceutical Research (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 5, May 1963, pp 285-291

"Contributions to the Method of Obtaining Ergot of Rye Selected by Alkaloid Groups."

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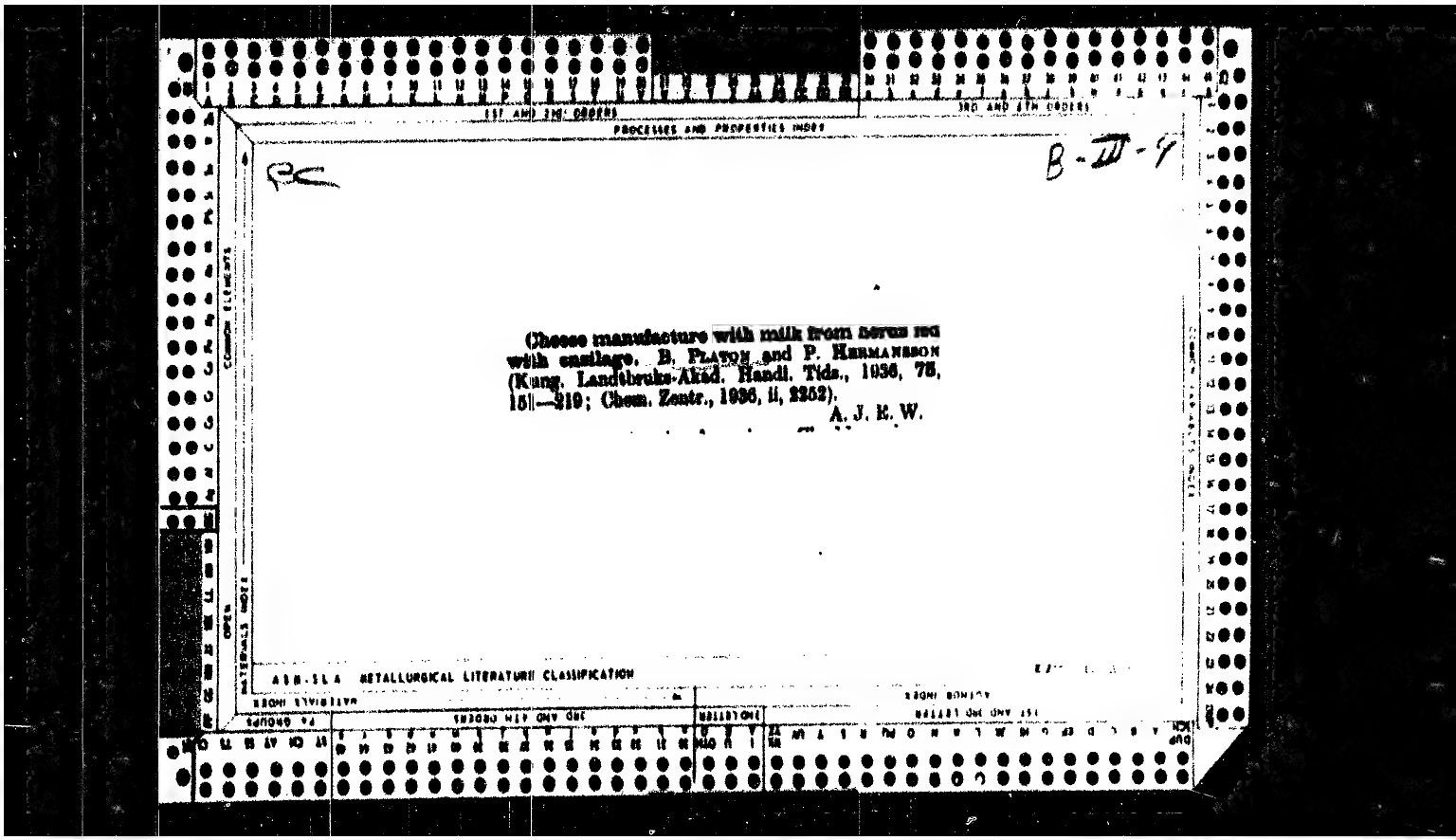

B-III-9

(Cheese manufacture with milk from cows fed with ensilage. B. Platou and P. Hermansson (Kung. Landtbruks-Akad. Handl. Tids., 1936, 75, 181—219; Chem. Zentr., 1936, ii, 2352).

A. J. E. W.

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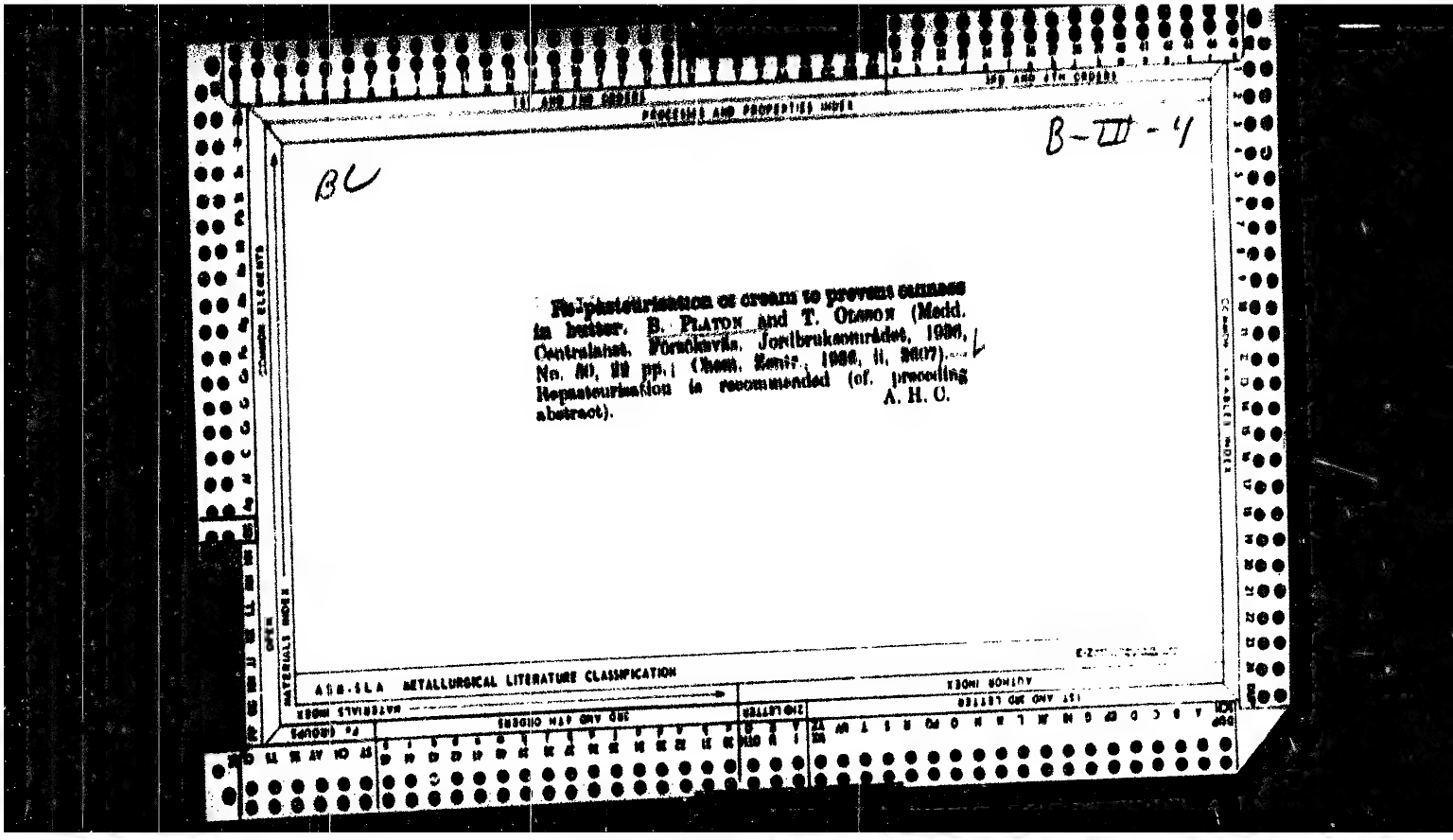

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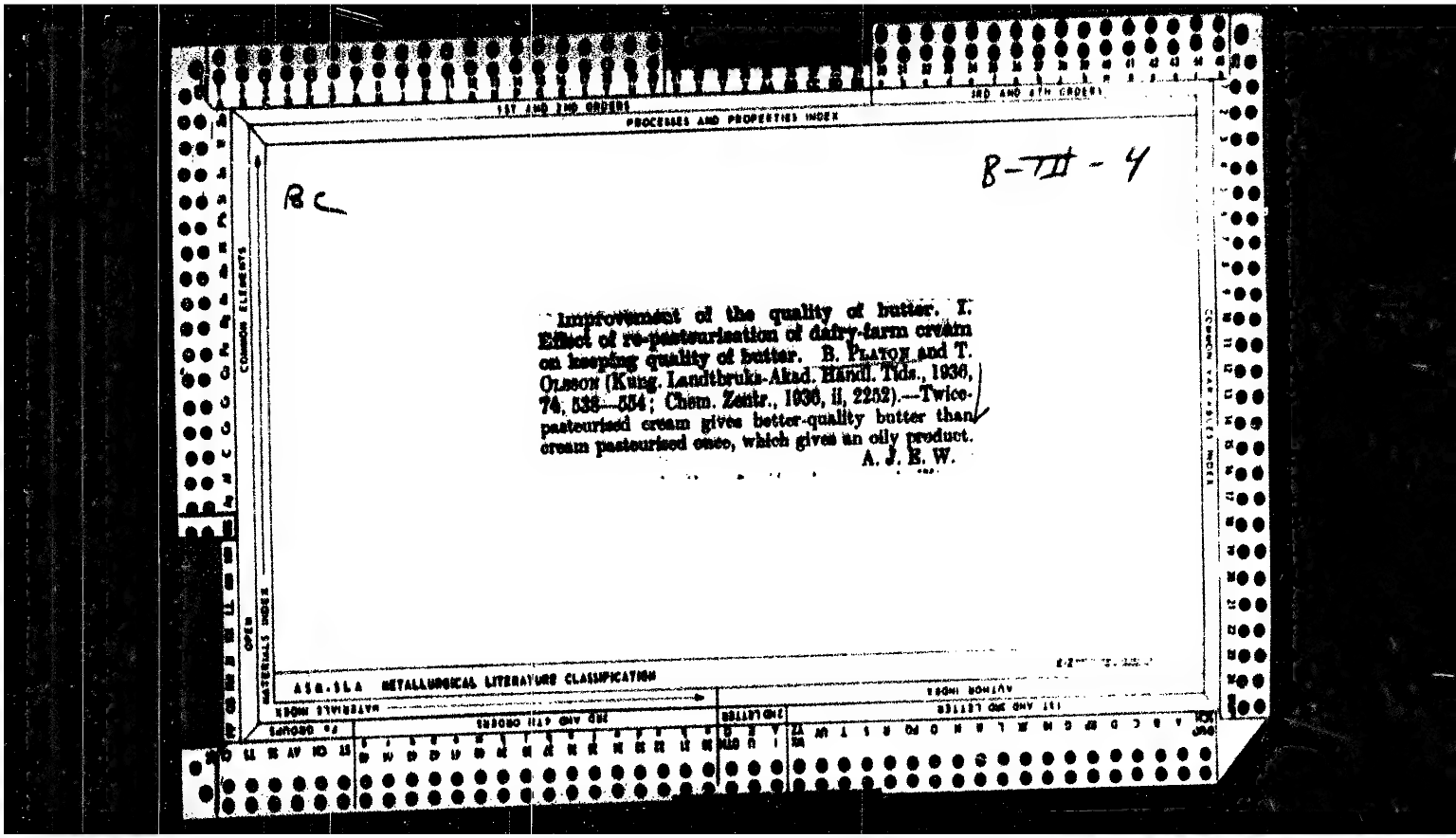

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PLATOCH, M.Yu.

Poisoning by methyl violet. Sud.-med.ekspert. 2 no.2:51-52 Ap-Je '59. (MIRA 13:6)

1. Kafedra sudebnoy meditsiny (zav. - prof. K.I. Tatiyev) TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.
(METHYL VIOLET--TOXICOLOGY)

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PLATOCH, M. YU. PHYSICIAN

CAND MED SCI

Dessertation: "Poisoning in a Case of Intravenous Introduction of Tincture of Iodine"

18 Apr 49

Second Moscow State Medical Inst imeni

I. V. Stalin

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PLATNOVA, G.F.

PHASE I BOOK EXPLOITATION SOV/5064

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958

Doklady sovetskikh uchenykh. [t.4] Khimiya radioelementov i radiatsionnykh prevrashcheniy (Reports of Soviet Scientists. v. 4.: Chemistry of Radioelements and Radiation Transformations) Moscow, Atomizdat, 1959. 543 p. 6,000 copies printed. (Series: Its: Trudy)

Ed. (Title page): A. P. Vinogradov, Academician; Ed.: V. I. Labarnov; Tech. Ed.: Ye. I. Mazel'.

PURPOSE: This collection of articles is intended for scientists and engineers interested in the applications of radioactive materials in science and industry.

COVERAGE: The book contains 26 separate studies concerning various aspects of the chemistry of certain radioactive elements and the processes of radiation effect on matter. These reports discuss present-day methods of reprocessing irradiated nuclear fuel, research in the chemistry of mercury, thorium, uranium, plutonium, and americium, problems related to the sorption and burying of radioactive wastes, the radiolysis of aqueous solutions and of organic compounds, the mechanism of polymer chain grafting, and the effect of radiation on natural and synthetic rubbers. V. N. Prusakov edited the present volume. Most of the reports are accompanied by references. Contributors to individual investigations are mentioned in annotations to the Table of Contents.

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[The following personalities are mentioned as having taken part in this investigation: E. M. Indikov, K. P. Lavrinkina, Ye. V. Zhuravlev, Z. N. Tsvetkova, and V. V. Chubukov.]

Vdovenko, V. M., and M. P. Kamenskaya. Separation of Uranium and Plutonium From Fission Products by Extraction With a Mixture of Dibutyl Ether and Carbon Tetrachloride (Report No. 2216) 34

Vdovenko, V. M. Distribution of Precipitation Elements in the Process of the Ether Extraction of Uranium and Plutonium (Report No. 2256) 41

Prusakov, V. N., N. F. Stepanov, and N. M. Voskresenskiy. Dry Method of Regenerating Irradiated Uranium (Report No. 2155) 49
[The authors thank I. K. Kikoin and A. T. Kolotushkin.]

Brezhneva, N. Ye., V. I. Levin, G. V. Korpusov, N. M. Mantsko, Ye. K. Bogacheva, L. T. Khorenko, and G. F. Platonova. Separation of Precipitation Radioactive Elements (Report No. 2155) 57
[The authors thank S. Z. Roginskiy, Corresponding Member AS USSR.]

Rybchikov, D. I., M. M. Senyavin, and Yu. S. Klyachko. Separation of Individual Rare Earth Elements (Report No. 2151) 75

Nikol'skiy, B. P., and V. I. Parfenova. Using Ion-Exchange to Study the State of Radioactive Substances in Solution (Report No. 2154) 89

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[The individual studies of the following researchers have been included in the last part of this paper: Ye. N. Tsvetkova, L. K. Shubochkin, T. V. Sergeyeva, and I. V. Tsaplina.]

Chernyayev, I. I., V. A. Golovnya, and A. K. Molodkin. Complex Carbonate Compounds of Thorium (Report No. 2150) 126
[A. M. Rubinshteyn is mentioned for his part in this study.]

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

ACC NR: AP7002006 SOURCE CODE: UR/0118/66/000/012/0033/0034

AUTHOR: Platnov, P. N. (Doctor of technical sciences); Tribel'gorn, E.V. (Candidate of technical sciences); Osadchiy, S. A.

ORG: none

TITLE: Small-size contactless time relay.

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstvo, no. 12, 1966, 33-34

TOPIC TAGS: time relay, cold cathode tube

ABSTRACT: A time delay relay developed at the Odessa Technological Institute in Lomonosov with continuously variable delay time from 1 to 1200 sec is reported. The relay, encased in a dust- and waterproof container which has an 8-pin connector, uses two MTkh-90 cold-cathode thyratrons (see Fig.1) to realize the delay function. The maximum error of the preset time delay is ±10%. Thyratron (T_1) working as a triode together with the RC circuit realizes the delay function while thyratron (T_2) is used for resetting T_1. The large amount of delay is possible because the C_1 capacitor charging current is commensurate with its leakage current. Orig. art. has: 1 figure and 1 table.

UDC: 621.563.5

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GRIGORIU, D.; SCHORR, V.; CEIANU, M.; ILEA, M.; MAZAREANU, L.; DESPA, S.; PLATON, Al.

Extraction of primary and delayed coking oils obtained from Mahorkatia crude oil by liquid sulfur dioxide. Petrol si gaze 14 no.10:509-516 0'63.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

KARLSON, K.P.[Karlsons, K.], red.; BAYARS, V.[Bajars, J.], red. STONANS, Ja., red.; DALBIN', M.Ya.[Dalbins, M.], red.; PLATNIYEKS, R.F.[Platnieks, R.], redl; LAPUSHONOK, Yu.K., red.; TEYTEL'BAUM, A., red.; BITAR, A., tekhn. red.

[Transactions of the Conference on the New Methods of the Efficient Use of Local Fuels held in Riga, September 2 to 5, 1958] Trudy soveshchaniia po novym metodam ratsional'nogo ispol'zovaniia mestnykh topliv, Riga, 1958.
(MIRA 16:5)

1. Soveshchaniye po novym metodam ratsional'nogo ispol'zovaniya mestnykh topliv, Riga, 1958. 2. Institut khimii Akademii nauk Latviyskoy SSR (for Bayars, Dalbin').
(Fuel--Congresses)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

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PLATNIKOV, Kr., kapitan za dalechno plavane

Wind waves. Nauka i tekh mladezh no.11:20-22 N '57.

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PLATNIEKS, K.

Distr: 4E2c(j)

Synthesis of 6-chloro-8-mercaptoquinoline and its reactions with cations. J. Bankovskis, L. Zalukajeva, and K. Platnieks. *Latvijas PSR, Zinatnu Akad. Vestis* 1958, No. 4, 95-103(in Russian).—6-Chloro-8-mercaptoquinoline dihydrate was prepd. according to Edinger (*C.A.* 2, 1975) from 6-chloroquinoline, prepd. according to La Coste (*Ber.* 15, 559(1882)); total yield from quinoline 19–23%. The soly. of the Cu, Pd, Ni, Fe^{++}, Mn, V^{++}, Co, Zn, Cd, Mo^{++}, W^{++}, Hg, Hg_2, Ag, Pb, Bi, Sb^{+++}, As^{+++}, As^{++}, Se^{++}, Os^{++}, Ir^{++}, Pt^{++}, and Te^{++} inner complexes in C_6H_6, CCl_4, $CHCl_3$, $CHBr_3$, diethyl oxalate, ether, isoamyl ether, bromobenzene, nitrobenzene, dichloroethane, isoamyl alcohol, and isooctane in acidic and alk. soln. is shown in a table.

K. Bloss

6 2 May 7 1

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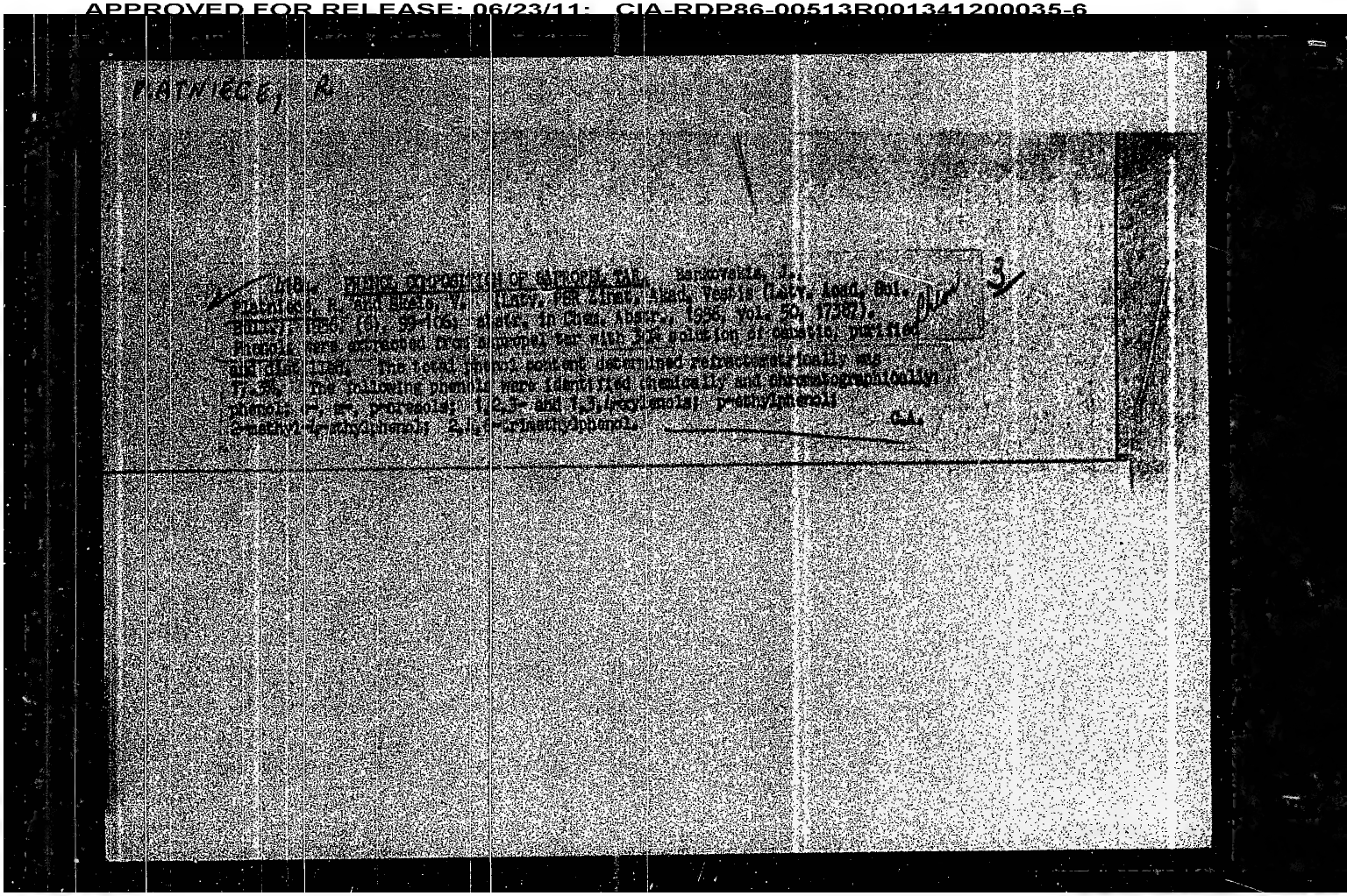

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

PLATNER, Joze, Ing., arh.; AVCIN, Marij, doc., dr.

Polyvalent pediatric dispensary as an instrument of social pediatrics and as a demonstration center. Higijena, Beogr. 7 no.1-4:602-609 1955.

1. Centralni higijenski zavod, Ljubljana, Decja klinika MVS, Ljubljana.

(CLINICS
pediatric dispensary, organiz. & funct. (Ser))
(PEDIATRICS
importance of pediatric dispensary in social pediatrics (Ser))

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BANKO, V.P.; DEMIDOVA, L.A.; ILYUSHIN, M.A.; KONDRASHKIN, Ye.P., kand. tekhn.nauk; MIKKOVICH, R.A.; PLATNIKOVA, G.P.; POROKHIN, A.A., kand. tekhn.nauk; RUMYANTSEVA, O.M.; TEMKINA, R.Z., kand.tekhn.nauk; TIKHONOV, N.F.; SHVARTSMAN, G.M., kand.tekhn.nauk; SHEYDIN, I.A., kand.tekhn.nauk; SMIRNOV, A.V., red.; VOLOKHONSKAYA, L.V., red. izd-va; BACHURINA, A.M., tekhn.red.

[Veneerer's handbook] Spravochnik fanershchika. Vol.2. 1959. 333 p. (MIRA 13:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut fanery i mebeli. (Veneers and veneering)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

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PLATNIKOV, Krustiu

Landing crafts. Nauka i tekh -ladezh no.5:16-17; 24 My '57.

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LEONOVICH, N., polkovnik; PLATNOV, M., polkovnik

Communication must operate around the clock. Voen. vest. 43 no.9:97-98 S '63. (MIRA 16:10)

(Communications, Military)

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PLATNER, H. (Sibiu)

Does the water salinity influence the area of its [illegible] Libellulidae? Natura Biologie [illegible]

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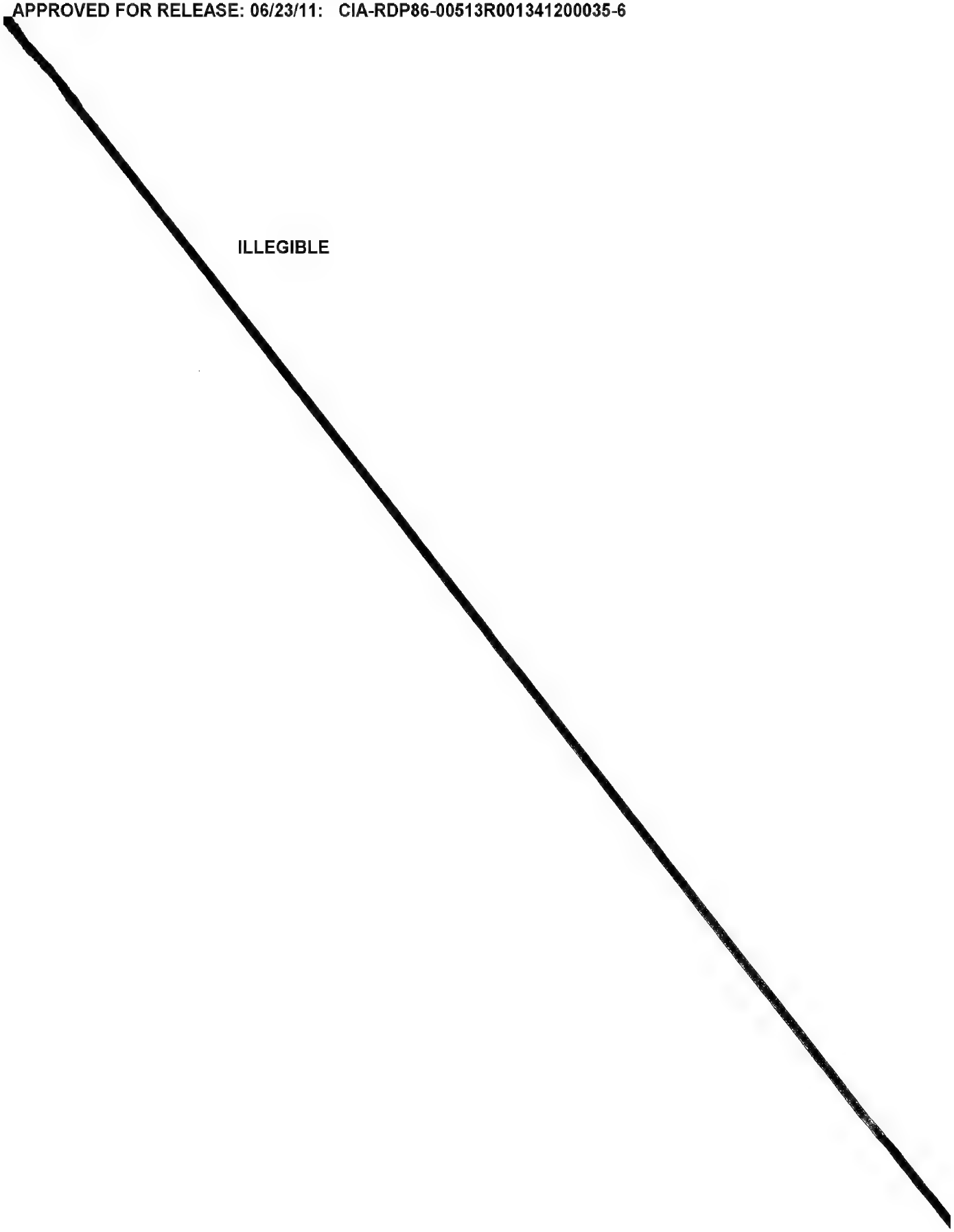
ILLEGIBLE



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PLATKOVSKIY, V.

The militant spirit of political propaganda. Komm.Vooruzh.Sil 1 no.6:20-25 Mr '61. (MIRA 14:8)
(Russia--Armed Forces--Political activity)

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PLATKOVSKIY, V.

Marxist-Leninist ideology [illegible] a powerful weapon in the struggle for communism. Komm. Vooruzh. Sil no.24:18-22 D '61. (MIRA 15:1)

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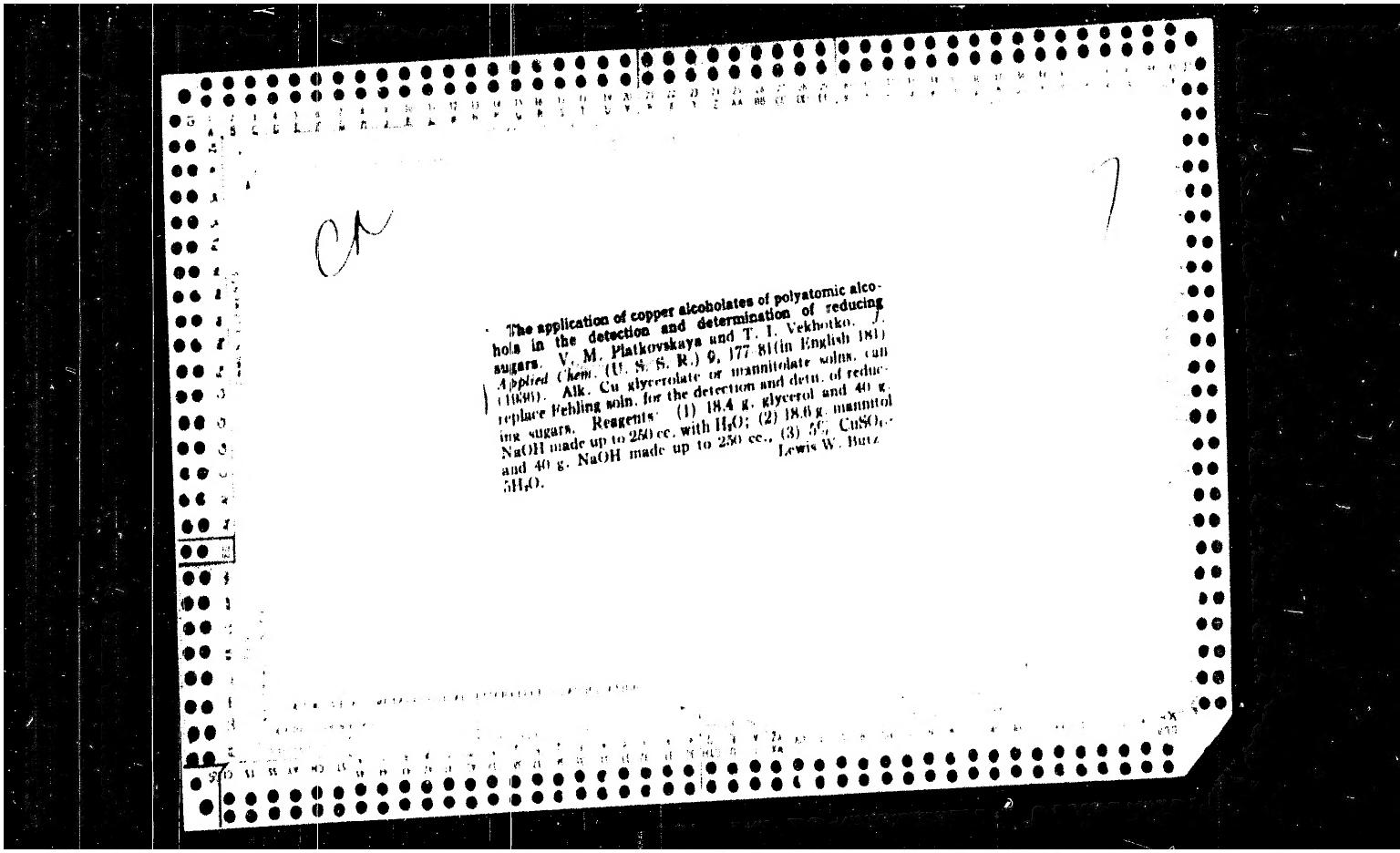

The application of copper alcoholates of polyatomic alcohols in the detection and determination of reducing sugars. V. M. Platkovskaya and T. I. Vekhotko. *J. Applied Chem.* (U. S. S. R.) 9, 177-81(in English 181) (1936). Alk. Cu glycerolate or mannitolate solns. can replace Fehling soln. for the detection and detn. of reducing sugars. Reagents: (1) 18.4 g. glycerol and 40 g. NaOH made up to 250 cc. with H_2O; (2) 18.6 g. mannitol and 40 g. NaOH made up to 250 cc., (3) 5% $CuSO_4 \cdot 5H_2O$.

Lewis W. Butz

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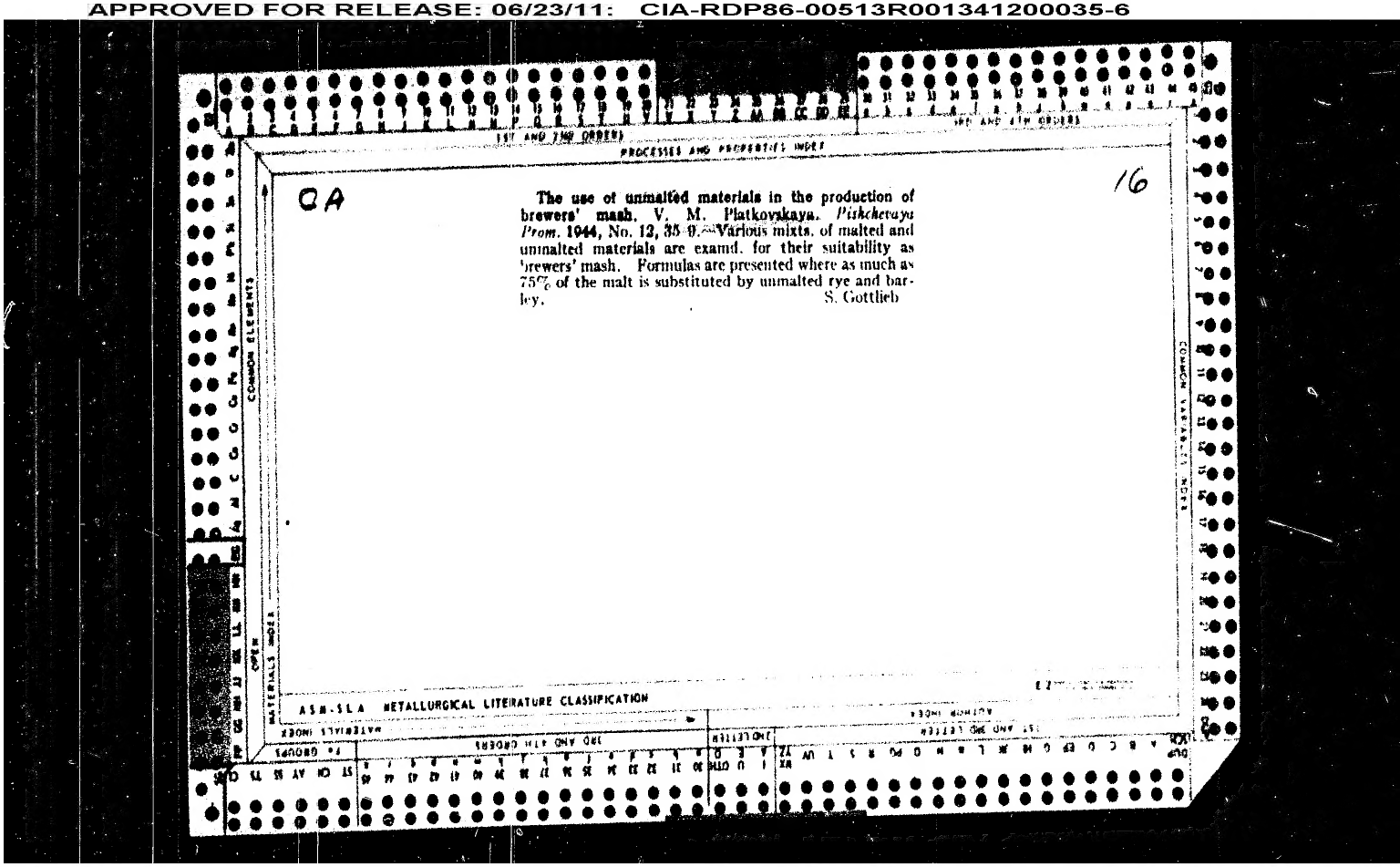

PROCESSES AND PROPERTIES INDEX

QA

16

The use of unmalted materials in the production of brewers' mash. V. M. Platkovskaya. *Pishchevaya Prom.* **1944**, No. 12, 35-9.—Various mixts. of malted and unmalted materials are examd. for their suitability as brewers' mash. Formulas are presented where as much as 75% of the malt is substituted by unmalted rye and barley. S. Gottlieb

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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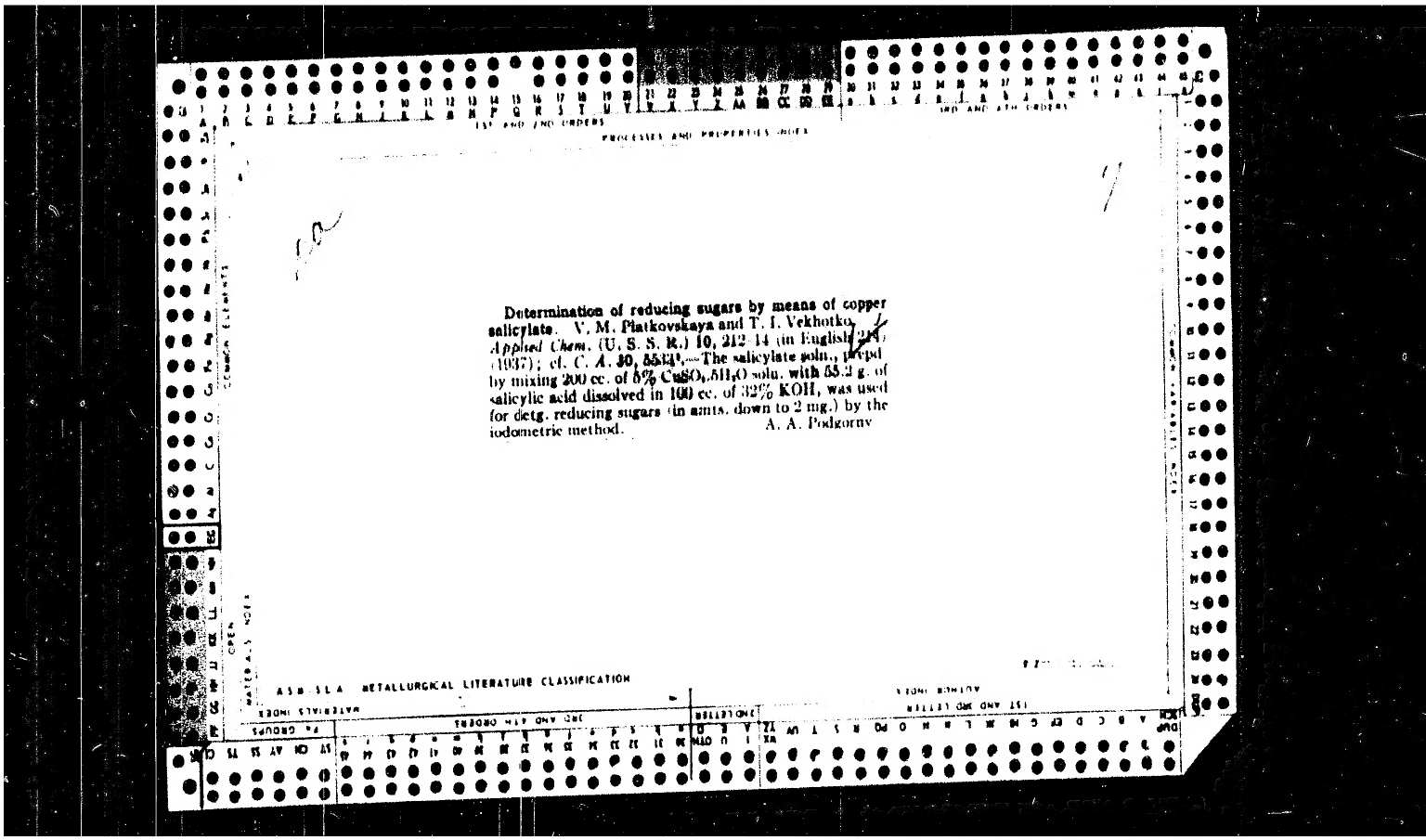
PLATKOVSKAYA, V.M., kandidat biologicheskikh nauk.

[Production of fruit and berry juices and extracts] Proizvodstvo plodo-iagodnykh sokov i ekstraktov. Moskva, Gizlegpishcheprom, 1953. 77 p.
(MLRA 7:1)
(Fruit juices) (Berries)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200035-6



Determination of reducing sugars by means of copper salicylate. V. M. Platkovskaya and T. I. Vekhotko. *Applied Chem.* (U. S. S. R.) **10**, 212-14 (in English 214) (1937); cf. *C. A.* **30**, 5534[9].—The salicylate soln., prepd by mixing 200 cc. of 5% $CuSO_4.5H_2O$ soln. with 55.2 g. of salicylic acid dissolved in 100 cc. of 32% KOH, was used for detg. reducing sugars (in amts. down to 2 mg.) by the iodometric method. A. A. Podgorny

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